

19981208.qrp v01_n299.qrs.981208

Date: Tue, 8 Dec 1998 19:03:26 EST

From: qrp-l@Lehigh.EDU

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: QRP-L digest 1299

QRP-L Digest 1299

Topics covered in this issue include:

- 1) [26721] Re: Zombie Full Moon Sprint
by Ed Loranger <we6w@qsl.net>
- 2) [26722] Ten Tec 1254 Rcvr done! (Long)
by "rohre" <rohre@arlut.utexas.edu>
- 3) [26723] Re: Zombie Badges
by Arthur Gary Silvers <ags@ieee.org>
- 4) [26724] Dupes
by Macstein@aol.com
- 5) [26725] FOX: Fox Swap
by k5zty@juno.com
- 6) [26726] Wow QRPp
by "Edward A Kwik jr" <eakwikjr@hti.com>
- 7) [26727] Re: 386 amp
by tayloe_d@juno.com (Daniel R Tayloe)
- 8) [26728] 11-2-10 ; extra MCB-30 FS
by Jim Janack <n2jj@ix.netcom.com>
- 9) [26729] RE: 160m Contest
by Monte Stark <ku7y@dri.edu>
- 10) [26730] QRP Companion?
by Ed Manuel <n5em@flash.net>
- 11) [26731] Which 160M ant is better?
by Mark S Adams <msadams@acsu.buffalo.edu>
- 12) [26732] WS4S Fox results at last! preliminary log
by Conard Murray <ws4s@InfoAve.Net>
- 13) [26733] Re: OHR-100 Drift Fixes.
by "Toru Kato JG1RVN" <jg1rvn@inv.co.jp>
- 14) [26734] Re: Parts Identification/Cross Reference
by Scott Gregson - KC7MAS <emtech@steadynet.com>
- 15) [26735] Re: QRP Enclosure
by S LYON <sslyon@worldnet.att.net>
- 16) [26736] Qrp Log
by tshilhanek@juno.com
- 17) [26737] re: parts identification
by "Rich Dailey, KA8OKH" <ka8okh@som-uky.campuscw.net>
- 18) [26738] Re: Zombie Full Moon Sprint
by crc <crc@io.com>
- 19) [26739] japanese transistors?

- by James Skalski <jskalski@buffnet.net>
- 20) [26740] Re: HW-9 HELP!
by dhlauten@juno.com (David H. Lauten)
- 21) [26741] Re: WS4S Fox results at last! preliminary log
by "K10J" <k1oj@swbell.net>
- 22) [26742] Re: Kites n Balloons!
by S LYON <sslyon@worldnet.att.net>
- 23) [26743] Pulling up stakes
by Tim Ahrens <tahrens@inetport.com>
- 24) [26744] Re: Zombie Full Moon Sprint
by Joe Gervais <vole@primenet.com>
- 25) [26745] QRP-ARCI Toy Store
by Hank Kohl K8DD <k8dd@contesting.com>
- 26) [26746] Acetone in California
by ki6ds@dpol.k12.ca.us (Hendricks, Doug)
- 27) [26747] Fox Schedule Change!!!
by talljazz@teleport.com (Dan Presley)
- 28) [26748] Re: Qrp Log
by Peter Larsen <larsenp@cadvision.com>
- 29) [26749] *NEW* N/T+ FOX this week!
by "Wilford D. Lindsey" <70511.3041@compuserve.com>
- 30) [26750] Help-FET ID
by Pete Burbank <plburbank@kih.net>
- 31) [26751] Re: OHR-100 Drift Fixes.
by we6w@juno.com (Ed Loranger)
- 32) [26752] Re: ScQRPion Antlers Sold Out
by we6w@juno.com (Ed Loranger)
- 33) [26753] Re: DECEMBER SPARTAN SPRINT:WE6W Log
by we6w@juno.com (Ed Loranger)
- 34) [26754] Re: [TenTec] Ten Tec happy versus unhappy customers
by Ab7wy@aol.com
- 35) [26755] Re: PARTS: Where to buy?
by "Graeme Zimmer" <gzimmer@vic.bigpond.net.au>
- 36) [26756] DL-QRP-AG PA news
by Jon Iza <iapizloj@bicc00.bi.ehu.es>
- 37) [26757] Re: PARTS: Where to buy?
by Bruce Muscolino <w6toy@erols.com>
- 38) [26758] Submarines - not QRP
by aa5yx@juno.com (John Harper AA5YX/2)
- 39) [26759] Re: Zombie Full Moon Sprint
by "Terry Bassett" <mutabut@net66.com>
- 40) [26760] WTB:HW-9
by ac6ts@n2.net (John Williams)
- 41) [26761] Impossible
by "Dan Wolfe" <n4roa@mounet.com>
- 42) [26762] Re: parts identification
by mikemo@ibm.net
- 43) [26763] Re: [TenTec] Ten Tec happy versus unhappy customers

- by elawson@lr.net (Ed Lawson)
- 44) [26764] Re: *NEW* N/T+ FOX this week!
by applitech@mcg.net (Claton Cadmus)
- 45) [26765] Autumn QRPp is fabulous!
by "George Heron" <gheron@idt.net>
- 46) [26766] thanks do Dave B and Doug H
by "Jeff M. Gold" <JGold@tntech.edu>
- 47) [26767] RE: Acetone in California
by "Kevin Muenzler WB5RUE" <wb5rue@stic.net>
- 48) [26768] trade
by bkobie@webtv.net (patrick obrien)
- 49) [26769] EPROM Erasing
by Andy Fox <foxes@theriver.com>
- 50) [26770] Re: (Ten Tec) Ten Tec happy versus unhappy custom...
by "Ken & Linda Burrough" <ne0c@1st.net>
- 51) [26771] FOX: Team scores (fwd)
by Bruce Rattray <rattray@gpfn.sk.ca>
- 52) [26772] N/T+ FOX
by wn6hyx@qsl.net ()
- 53) [26773] Need email address
by Larry East <w1hue@amsat.org>
- 54) [26774] Thanks!
by "Joiner, Randy - LYSBB" <JoinerR@avionics2.robins.af.mil>
- 55) [26775] Re: japanese transistors?
by "Jim Kortge, K8IQY" <jokortge@cwix.com>
- 56) [26776] Re: (Ten Tec) Ten Tec happy versus unhappy custom...
by "Richard E. Robinson" <rerobins@email.uncc.edu>
- 57) [26777] FS: MFJ9020
by james owen <k4cgy@yahoo.com>
- 58) [26778] FT-890 Filters?
by Brian Short <bshort@speedchoice.com>
- 59) [26779] Re: Autumn QRPp is fabulous!
by "Dave Maliniak" <dmaliniak@penton.com>
- 60) [26780] Japanese Transistors
by "Joiner, Randy - LYSBB" <JoinerR@avionics2.robins.af.mil>
- 61) [26781] Re: Submarines - not QRP
by Paul Harden <pharden@aoc.nrao.edu>
- 62) [26782] Autumn QRPp -- SW-30?
by "John L. \"Jake\" Carter" <jakecart@ix.netcom.com>
- 63) [26783] QRP Stuff for Sale.
by Jim Fielden <fielden@utkux.utcc.utk.edu>
- 64) [26784] Re: Need email address
by "Bryan Turner" <turnerw@email.uah.edu>
- 65) [26785] DL-QRP-PA
by Peter Zenker <Peter_DL2FI@csi.com>
- 66) [26786] SPRAT complete on CD
by Peter Zenker <Peter_DL2FI@csi.com>
- 67) [26787] Re: ScQRPion Antlers Sold Out

- by John Evans - N0HJ <jaevans@codenet.net>
- 68) [26788] Re: N/T+ FOX
by "JEFFREY MICHAEL POULIN" <jpoulin@erols.com>
- 69) [26789] Re: Pulling up stakes
by we6w@juno.com (Ed Loranger)
- 70) [26790] LDG QRP TUNER
by dave_epps@juno.com
- 71) [26791] MINI-L:Thank you for your input
by Bill Jones <kd7s@psnw.com>
- 72) [26792] Need email address
by Larry East <w1hue@amsat.org>
- 73) [26793] AW: GQRP - Sierra - extra PA module
by Peter Zenker <Peter_DL2FI@csi.com>
- 74) [26794] AW: Sierra compatible mini RF PA
by Peter Zenker <Peter_DL2FI@csi.com>
- 75) [26795] Non native speaker s problems with Kathi Hiltons text
by Peter Zenker <Peter_DL2FI@csi.com>
- 76) [26796] Re: EPROM Erasing
by Stephen Lee <slee@u.washington.edu>
- 77) [26797] AW: DL-QRP-AG PA news
by Peter Zenker <Peter_DL2FI@csi.com>
- 78) [26798] Re: WS4S Fox results at last! preliminary log
by "Michael A. Gipe" <mgipe@reliablemeters.com>
- 79) [26799] Trade
by rbcallahan@juno.com (Robert B. Callahan)
- 80) [26800] QRPp Cover a real dazzler
by Bill Jones <kd7s@psnw.com>
- 81) [26801] A Cheerful Note From Your Friends at Adventure Radio Society
by "Russ Carpenter" <russ@natworld.com>
- 82) [26802] Autumn QRPp !!!!!
by Bruce Hopkins - KL7H <kl7h@eagle.ptialaska.net>
- 83) [26803] Re: Japanese Transistors
by James Skalski <jskalski@buffnet.net>
- 84) [26804] Homebrewed Generators
by Greg Weinfurtner <gweinfurt1@ohiou.edu>
- 85) [26805] E-mail addresses
by wj5o@juno.com (William H. Hays)
- 86) [26806] TenTec Opinion...
by "GARY McCAUGHEY" <MAIL4GARY@worldnet.att.net>
- 87) [26807] 11-2-10 problems
by "Brockwell, Stephen E." <brockwse@fssec.army.mil>
- 88) [26808] Email server probs....
by Ed Loranger <we6w@qsl.net>
- 89) [26809] Re: erasing PICs
by Gary M Diana <gmdiana@kodak.com>
- 90) [26810] Re: EPROM Erasing
by W7LS <w7ls@blarg.net>
- 91) [26811] Email Address Updates

by "Bryan Turner" <turnerw@email.uah.edu>
92) [26812] Re: Homebrewed Generators
by John Evans - N0HJ <jaevans@codenet.net>
93) [26813] Re: Non native speaker s problems with Kathi Hiltons text
by "DJ Rock" <b2bn@hotmail.com>
94) [26814] FOX: Team scores (fwd)
by Bruce Rattray <rattray@gpfn.sk.ca>
95) [26815] Ten-Tec satisfied customer
by "KEITH P. JOHNSON" <KeithJ@1800surveys.com>
96) [26816] Three-FOX Night :-)
by "W. D. (Doc) Lindsey" <70511.3041@compuserve.com>
97) [26817] Announcing the MINI-L (part 1)
by Bill Jones <kd7s@psnw.com>
98) [26818] Announcing the MINI-L (part 2)
by Bill Jones <kd7s@psnw.com>
99) [26819] Fox: Logs wanted for leader board
by "Richard E. Robinson" <rerobins@email.uncc.edu>
100) [26820] Re: Announcing the MINI-L
by James P Rybak <jrybak@mesa7.mesa.colorado.edu>
101) [26821] TenTec: true story
by "Richard E. Robinson" <rerobins@email.uncc.edu>
102) [26822] BayGen on ABC
by "Richard E. Robinson" <rerobins@email.uncc.edu>
103) [26823] Re: TenTec: true story
by elawson@lr.net (Ed Lawson)
104) [26824] FOX: N2TO 11-Dec-98 0200-0400 UTC
by "Kevin F. Glynn" <kfglynn@prodigy.net>
105) [26825] "Better" Receiver?
by n2tpa@juno.com (Bill d Lazure)
106) [26826] WTB: Norcal 40a
by "Barry L. Geipel - KF6RDI" <bgeipel@primenet.com>
107) [26827] Mini-L: RS Lookout!
by Ed Manuel <n5em@flash.net>
108) [26828] Help the newbie
by "Todd Foster, KD5FUF" <tef96a@timon.acu.edu>
109) [26829] Re: ScQRPion Antlers Sold Out
by Bob Hightower <ki7mn@extremezone.com>
110) [26830] WTB OHR Sprint II 80 mtrs
by "Walter Dufrain" <walter@inlink.com>
111) [26831] Mini-L Project
by ki6ds@dpol.k12.ca.us (Hendricks, Doug)
112) [26832] Re: Ten-Tec satisfied customer
by "Francis Callahan" <colcal@srv.net>
113) [26833] Re: TenTec: true story
by mwattcpa@earthlink.net (Marty Watt)
114) [26834] Re: "Better" Receiver?
by "Gene Hall" <evhall@ix.netcom.com>
115) [26835] Re: erasing PICs

by mikemo@ibm.net
116) [26836] FS:OHR400
by "W. D. (Doc) Lindsey" <70511.3041@compuserve.com>
117) [26837] Re: "Better" Receiver?
by applitech@mcg.net (Claton Cadmus)
118) [26838] Austin QRP Club Meeting 12/12
by Glen Reid <k5fx@flash.net>
119) [26839] QRPp arrives & a note about some pinchers
by nilsbull@juno.com (Nils R Young)

Date: Tue, 08 Dec 1998 00:36:18 +0000
From: Ed Loranger <we6w@qsl.net>
To: kd1jv@moose.ncia.net
Cc: qrp-l@lehigh.edu
Subject: [26721] Re: Zombie Full Moon Sprint
Message-ID: <366C7482.5D1C@qsl.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hmmmmmmmm,

Hey Steve, how about ONLY Straight keys can be used?
Zombies don't send fast.

Other ideas I had:

- * Azimuth angle to moon at start of contest to your QTH.
- * CQ call is: CQ FMZ (Full Moon Zombie)
- * Azimuth angle is points. So over time different parts of the year net different HI-POINT Stations!!!
- * Exchange is RST SPC Name Moon-Azimuth-Angle (at contest start time.)
- * People sending their power have an angle of 90, but only get 1 point per QSO. (They'll be looking for that angle!)
- * All Novice frequency QSO's are worth 5 * Azimuth angle for both parties.

Random thoughts...

I like your idea no matter what.
-Ed

--

72, Ed WE6W, A-1 OP; <http://www.qsl.net/we6w> Santa Rosa, CA
QRP-Z#106 QRP-L#1068 AR#112 NC#2227 ARCI#9397 QAA#006

Date: 7 Dec 1998 18:40:13 -0600
From: "rohre" <rohre@arlut.utexas.edu>
To: qrp-l@lehigh.edu, "tentec list" <tentec@contesting.com>
Subject: [26722] Ten Tec 1254 Rcvr done! (Long)
Message-ID: <n1299066414.55653@msmailgw1.arlut.utexas.edu>

After a long hiatus since building the display board for this LF-HF superhet, PIC microprocessor controlled kit receiver, I finally took the bull by the horns and spent every evening on the main board until finished at 4AM last Sat. morning. Took about 22 plus hours total, with sessions as much as 4 hours at a time. (This was my warmup to the K2, since this had over 400 parts.)

This is a great SWL receiver. It is a good entry level receiver for someone aspiring to be a ham, and wanting to listen around to both ham bands and SWL bands. Now I am NOT saying it is an entry kit!!!! Nor is it set up for transceiving. But it runs circles around the S38D I started with in 1957!

It requires a magnifier and small tipped iron, a couple sizes of solder to get good looking joints, and patience! It is all discrete parts and transistors and IC's, no surface mount. Only the microprocessor is socketed. Coils are prewound, or are transformers. You do install cans on some coils, and around RF and VCO stages after they are in the board.

However, there are NO toroids to wind!

It does need a shielded antenna lead in, to avoid the last 15 feet of lead in picking up the harmonics of the multiplexed display digits, as they say in the manual. There is likely a fix that could be done by spray on shielding inside the plastic front panel, and ensuring that the clam shell steel case top and bottom pieces make a tight RF seal, by perhaps use of additional fasteners, or shielding the front display board. I mainly noticed this on 10M, and only above the CW portion at that. Those who have reported on this before might want to check the bonding of the circuit board grounds to the brackets and solder the brackets to the chassis, instead of relying on the rivets to provide adequate grounding. This has not been tested, but just an observation.

However, it is a very sensitive receiver front end, and I found it did a better job with weak stations on 80M and 160M than my Kenwood 450! with or without its RF amplifier! A transceiver receiver 10 times more

expensive was outclassed on receive by one 1/10 as expensive!

The receiver pulled in a U.K. ham this morning on 12 Meters on the Gap vertical. The built in speaker is adequate, but an enclosed speaker used in the headphone jack does sound better with its baffle. 10M has been pretty busy as well as the other ham bands.

Over the weekend, the first SWL DX was NHK Tokyo, Saturday mid morning; broadcasting on 9 MHz band to Thailand, in a regional SW broadcast, probably directional, and thus coming to my Texas vertical on long path. The signal character and QSB confirmed its origin was not by a relay broadcast.

Other DX ham stations have been heard all over South America, Mexico, France, and Canada with just cursory listening. The stability is excellent, in copying some special event stations over several hours, and being able to come back to the same frequency by memory recall, or direct tuning. The tuning steps are set up for SWL use, and take some getting used to, for ham band use.

There is a CLARIFIER control, for fine tuning CW and SSB, and to a lesser extent, AM. But the steps are 100k Hz, 5 kHz and 2.5 kHz. Thus, signals seem to drop into the IF filters at 45 MHz and 455 kHz. Even though set up for SSB use, the CW selectivity in copying is not any worse than many older tube era receivers of general coverage, and in fact, it sounded a lot like a more stable version of my old Hallicrafters, but with cleaner CW tones, and no drift! The 100 kHz step is used to go from band to band, or quickly go from CW to high end of 10M.

It is really neat to have a receiver that could be tested as I went with no more test equipment than itself as a signal source, a DVM, and finally with off the air signals of CHU and WWV to set the microprocessor clock right on, for all the digital freq. readouts to be accurate. It was fun to switch from 20 MHz, to 10, and to 5 and hear WWV not vary one bit!

I do not really have a LF antenna, but I did hear the LF beacons below the MF broadcast band. This radio does a fine job of MF AM reception, of course, but is really pleasant with its product detector for SSB and CW as well. The RF (AGC controlled) attenuator is neat as well. You have it stomp down on over 5,9 stateside full gallons talking to DX, and then you hear it and the noise floor come back up, when it jacks up the DX signal to useable level at only half way up the audio gain pot. It is smooth and pleasant to listen to.

This radio is not a current miser, thus, it is not likely a candidate for backpacking. But how many backpack radios have 15 memories? With the steel case, it is very stable on the desk, and feels great.

What I got this radio for, and what I think it fulfills nicely, is to have a really good looking, small all band SW receiver in the living room, which I can place next to the easy chair, and while watching TV check on band openings using stereo headphones so as not to disturb the family. I think I will

experiment with perhaps a rotor cable dipole set under the eaves outside the living room window, since that is the long side of the house, and I could probably get a 20M full size dipole out there, and I already found the receiver did a good job on lower bands when reception was done on my attic 20M tri dipole system, (20,15,10).

For receive only, either small coax, or even the small diameter shielded audio mic cable from Radio Shack would be suitable lead in.

The parts were good quality, (except for having a bad thread on one countersunk speaker shelf screw). The manual exceeds Heathkits' best, and is broken into logical circuit subsections which can be tested as you go. This kit is well worth the \$195 price. This is a fun kit!

73 and 72,
Stuart K5KVH

Date: Mon, 07 Dec 1998 15:54:01 -0800
From: Arthur Gary Silvers <ags@ieee.org>
To: k6esmead@pacbell.net
Cc: qrp-1@lehigh.edu
Subject: [26723] Re: Zombie Badges
Message-ID: <366C6A99.AA59C894@ieee.org>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Earl,

Actually, no! Been wondering what happened for my request and contribution. Maybe they ran out of stock. Bet the printers are waiting for enough orders for a large enough run to realize some EOS.

73, CUL, Hang-in-there, Arth, W6AGS

Date: Mon, 7 Dec 1998 19:57:29 EST
From: Macstein@aol.com
To: qrp-1@Lehigh.edu
Subject: [26724] Dupes
Message-ID: <97784f5b.366c7979@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

Content-Transfer-Encoding: 7bit

Is anyone else getting double postings from the list since it came back up?

-MAC-
KF4KSM
#704

Date: Tue, 8 Dec 1998 04:00:20 -0600
From: k5zty@juno.com
To: qrp-l@lehigh.edu
Subject: [26725] FOX: Fox Swap
Message-ID: <19981208.040905.10358.0.k5zty@juno.com>

Tally Ho all you hunters,

There has been a change in the schedule for the next foxhunt. I have swapped dates with Dan,N7CQR. He had a Honey Do come up and couldn't make it tomorrow nite so I, Bill, K5ZTY, in Houston, TX will be your quarry for 02:00 zulu, Wednesday, 09 December 1998. I will be using my OHR 400 and a rotatable dipole at 44ft. I will have to use some RIT to hear all of you in a pile up as big as these foxhunt piles get, so keep calling and I'll try to work everyone. I usually hear all states in the contests. I worked Joel the misplaced Cajun in ME and Harvey in CA on 40mtrs in the contest Sunday evening so don't give up on me. I will try to find a hole to start in around 7.041 to .043. So there you have it all you macho hunter dudes. Come and get me Tuesday evening at 08:00cst.
72,
Bill, K5ZTY
Houston, TX
k5zty@juno.com
QRP-L #473

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Date: Mon, 07 Dec 1998 20:06:21 -0500
From: "Edward A Kwik jr" <eakwikjr@hti.com>
To: "qrp-l@Lehigh.EDU" <qrp-l@Lehigh.EDU>

Subject: [26726] Wow QRPP
Message-ID: <366C7B8D.A6826B61@hti.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I asked Santa for a SW30+ for Xmas. So what do I see when I unwrap my QRPP. There he is. Two pictures of him working on my rig! Oh. Wait. Nah it's just Bruce Rattray VE5RC/VE5QRP. Sorry Bruce I just hadda do it.

Ed Kwik AB8DF qrp-l #1444

Date: Mon, 7 Dec 1998 18:15:25 -0700
From: tayloe_d@juno.com (Daniel R Tayloe)
To: Bigbob97@aol.com, qrp-l@Lehigh.EDU
Subject: [26727] Re: 386 amp
Message-ID: <19981207.181529.15246.1.tayloe_d@juno.com>

Hi Bob!

>Hello friends,
>Has anyone had the experience that a 386 audio amp will "blank"
>for a second when the input signal is reduced or increased rapidly
>- as in raising or lowering the volume? Also, I am running this at
> 9 volts. Too low?
>73,
> Bob WB2DHK in Jersey City, NJ

Yep. Been there, done that. You probably have DC on your volume control. The high side of the volume control should be AC coupled to the output of the previous stage. Otherwise, as you raise the volume, the capacitor to the input of the next stage (the 386) needs to change its charge.

In the case of a volume increase, the voltage across the cap needs to increase. The charging current will mess up the input bias current of the next stage, and cause lots of noise to boot.

- Dan Tayloe, N7VE; Phoenix, Az; Az ScQRPions; QRPL # 696

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or call Juno at (800) 654-JUNO [654-5866]

Date: Mon, 7 Dec 1998 19:50:50 -0600 (CST)
From: Jim Janack <n2jj@ix.netcom.com>
To: qrp-l@Lehigh.edu
Subject: [26728] 11-2-10 ; extra MCB-30 FS
Message-ID: <199812080150.TAA26346@dfw-ix10.ix.netcom.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

I picked up the last one at our local store in case someone was still searching for one.

Happy converting.

Jim N2JJ

Date: Mon, 7 Dec 1998 18:02:16 -0800 (PST)
From: Monte Stark <ku7y@dri.edu>
To: QRP-L <qrp-l@lehigh.edu>
Subject: [26729] RE: 160m Contest
Message-ID: <Pine.SOL.3.96.981207174954.1412A-100000@vortex>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi All,

Several people have asked what kind of antenna I was using and how it was made. I'll post here in case others also want to know.

My antenna is an inverted vee. I took my sloping 80m dipole down and added about 65' of wire on each end.

It is now too long to pull up by one end so I did it from the middle and made an inverted vee out of it.

The feed line is 75 ohm CATV Drop line.

The center insulator is made from a small chunk of PlyWood. I drilled holes in the plywood for the feedline and wire elements.

All connections are made with wire nuts. (The wire nuts only make the connection. The wires are knotted to hold them to the plywood).

Checked it with the MFJ and Autek and it's 1:1 at 1830 with NO trimming! I think that's the first time I ever got that lucky and didn't have to play with the size and etc.

The apex is at about 70-75'. One end (West) is tied to some sage brush and the other end is tied off at the barn about 10' up. (The barn has a metal roof about 45' x 70').

Full size antennas for 160m are big but many people on small lots with a 50' tower will do antennas like this and bend them around their lots and some of them really seem to work well.

Always remember this FACT:

ANY ANTENNA IS BETTER THAN NO ANTENNA.

So try anything and improve it from there!

cul,

73, Ron, SOWP 5545M,

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
....ku7y@sage.dri.edu.....Washoe Lake, Nevada....
....QRP-L #17...ARS #49...NorCal #330.....NRA LIFE.....

Date: Mon, 07 Dec 1998 20:02:10 -0600
From: Ed Manuel <n5em@flash.net>
To: qrp-l@lehigh.edu
Subject: [26730] QRP Companion?
Message-ID: <3.0.5.32.19981207200210.008ec630@pop.flash.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Anyone out there have a QRP Companion they might want to sell? Please respond directly.

Ed Manuel, N5EM
Houston, Texas

n5em@amsat.org
n5em@flash.net

Date: Mon, 7 Dec 1998 21:13:25 -0500 (EST)
From: Mark S Adams <msadams@acsu.buffalo.edu>
To: QRP Fanatics <qrp-l@lehigh.edu>
Subject: [26731] Which 160M ant is better?
Message-ID: <Pine.GS0.3.96.981207210636.3853C-100000@xena.acsu.buffalo.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi Gang,

I put up my usual inverted L for the 160M contest season. It is 165' long, 32' up and the rest horizontal. I match it at the feedpoint with about 400pF for 1.2:1 SWR at 1.850MHz. The 3:1 bandwidth is from 1.80-1.89 when using 4 130 foot radials.

Now in the March 1998 QST is a "Reduced Size Half Sloper" by WD8DSB. I could get the feedpoint up at 40' using a different tree and go with his design. But I am having trouble figuring out which one is "better". i.e. more efficient. I doubt that either way I can rouse up the DX but I would like to bag the 10 states I need for WAS160.

Any ideas? It is a lot less wire but the feedpoint is sure up high.

72, Mark N2VPK
Member of the Buffalo QRP Connection

Date: Mon, 07 Dec 1998 20:40:36 -0600
From: Conard Murray <ws4s@InfoAve.Net>
To: momma Fox <prvalko@oakland.edu>, Bruce Rattray <rattray@gpfn.sk.ca>, Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>, Tom Norris <badger@telalink.net>
Subject: [26732] WS4S Fox results at last! preliminary log
Message-ID: <005f01be2254\$277c3000\$2e6c74cc@pentagrid>
MIME-version: 1.0
Content-type: text/plain; charset="iso-8859-1"
Content-transfer-encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi everyone!

Everyone needs to be the fox at least once! I have been a ham for 20 years and I know I haven't had that much fun with a radio ever. I haven't been as nervous sitting in front of a key since my first novice-band qso in 1978 either.

This is an extremely polite group for sure. The guys that were the easiest to pick out of the crowd were the ones who got off of where the crowd was by a couple hundred cycles or more and called with maybe three seconds between calls. Also, ops with calls that are not the generic 1x2 W or K call have a slight advantage. A VE prefix comes right through.

Propagation was better than I expected with QSOs from FL to VA and NY to CA. I almost fainted when I heard a very weak AL7FS drift into my 'phones, but I remembered reading a post that he was in NJ.

Next time I am going to forget using the keyer and go with the vibroplex and straight key. I don't use the keyer in the rig enough to be familiar with adjusting it under fire.

Here is the log... notice the first contact was with N0UR, last Tuesday's fox.

0300	N0UR	559	579	JIM	MN	799
0301	W2SCF	559	559	DICK	NJ	1613
0304	K5ZTY	559	559	BILL	TX	473
0305	NK6A	539	559	DAN	CA	1517
0306	W5YR	569	579	GEO	TX	1373
0307	K5JHP	559	579	BILL	TX	825
0309	VE5RC	559	229	BRUCE	SK	886
0310	K10J	579	559	OJ	TX	732
0312	W5SB	589	559	BILL	TX	1279
0313	K5UP	559	559	GLEN	OK	21
0315	W5TB	569	559	DOC	TX	673
0316	K2SJB	589	579	DAVE	NY	757
0317	K5LN	569	559	BILL	TX	5W
0318	N5TW	569	579	TOM	TX	1474
0320	NQ7X	559	559	FLOYD	AZ	343
0321	KU7Y	549	559	DON	NV	176
0323	VE3JC	559	599	JOHN	ON	743
0325	N1TP	569	569	TOM	FL	1337
0326	KF4KSM	559	559	MAC	FL	704
0328	N5LU	599	599	BILL	OK	5W
0329	KD5CMN	559	559	MIKE	TX	1328
0330	W1GL	569	559	TED	RI	5W
0332	AA5TA	559	559	LARRY	TX	1245
0332	NA3V	579	579	JIM	PA	5W
0333	KQ0I	569	559	MARK	IA	625
0334	KK5LD	559	599	DAN	TX	5W
0335	N0AR	569	569	SCOTT	MN	1455
0337	AC5II	569	569	DON	OK	264

0338	N5JKY	559	559	MIKE	OK	300	
0340	W2TV	569	569	JOHN	NY	1193	
0343	N3YSI	559	569	PAUL	PA	5W	
0344	K5VBS	559	559	OSCAR	TX	1733	
0345	N5FN	569	559	TIM	TX	586	
0346	W2XN	559	559	FRED	FL	1728	
0347	WS8D	559	569	MIKE	MI	1188	
0348	N1FN	559	559	MARSHALL	CO	153	
0349	N8RO	559	559	FLOYD	MI	392	
0350	K1MG	559	559	MIKE	CA	614	
0352	KQ5U	559	559	TERRY	TX	1603	
0353	WJ1R	569	559	LARRY	CO	5W	
0354	N2LO	559	559	BOB	NJ	1719	
0355	N2SMH	559	579	DAVID	NJ	74	
0356	KA5T	559	449	LARRY	TX	89	
0357	AK7Y	569	559	GREG	AZ	1683	
0358	K1MG	559	559	MIKE	CA	614	DUPLICATE
QSO							
0402	KA3WMJ	569	599	KEN	PA	355	
0404	WB9LKC	569	559	RAY	WI	80	
0405	AF5Z	579	579	BOB	TX	984	
0406	AB7TT	599	449	JOE	AZ	191	
0407	VE2KN	559	559	JIM	PQ	103	
0409	AB5WX	579	559	DAVE	TX	1718	
0410	N6WG	449	339	BOB	CA	26	
0412	W4IM	559	579	JOHN	VA	168	
0413	W5HNS	569	569	HENRY	TX	178	
0414	K7TQ	559	449	RANDY	ID	102	
0416	KF2PH	569	539	NICK	NY	13	
0417	N2WF	579	599	BILL	NJ	955	
0418	N0TU	559	559	STEVE	CO	911	
0422	N5WL	559	559	BART	TX	994	
0423	N2ZHY	559	559	DAVID	NJ	2W	
0425	AB0GO	339	339	DAVE	CO	785	
0429	VE6EWM	449	559	EARL	AB	176	
0433	KI0II		559	559	RON	CO	928
0435	KK5WL	559	559	GARY	TX	330	
0436	WE6W	559	549	ED	CA	1068	
0438	W6RA	569	549	RAND	CA	1537	
0440	AL7FS	349	339	JIM	NJ	114	
0443	N7CQR	339	339	DAN	OR	502	
0447	K5OI	559	559	TIM	NM	73	
0448	KK5LD	579	599	DAN	TX	5W	
DUPLICATE QSO							

70 qsos with 68 stations in 19 states and 4 provinces.

Let me know if I got anything wrong..

73 and THANKS!
Conard, WS4S

Date: Tue, 8 Dec 1998 11:47:45 +0900
From: "Toru Kato JG1RVN" <jg1rvn@inv.co.jp>
To: "QRP-L" <qrp-l@Lehigh.EDU>
Subject: [26733] Re: OHR-100 Drift Fixes.
Message-ID: <199812080247.LAA08519@inv.co.jp>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-2022-JP
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hello QRP'ers.
Thanks Ed to translate nice english.
Now I set command and join this ML.
How do you do ?

>To install the mod, first remove R154 [ed:C154?]. Then
>replace the 24 pF with a 10 pF trimmer.

Yes Ed, C154 is correct. C154 decides for freq range of VFO
and L111 decides for the lowest edge of VFO range.

I spent 6days for OHR-500 to make.

(Tue) I built OSC board (except troid cores) 3hours.
(Wed) RX board 3hours
(Thr) T/R board 4,5 hours
(Fri) (took a rest)
(Sat) I winded 44 troid cores 8hours (very hard)
(Sun) I did final assy and adj 12hours

VFO drift on OHR-500 is...
7000.0 cold start
7000.5 5min
7000.8 10min
7001.1 30min
(Using DD-1)

It is remind me of FT-101S. Nice analog dial rig indeed.
I like it very much.
I recommend you using DD-1 when using band edge.

Thanks 72's

Toru Kato JG1RVN
jg1rvn@inv.co.jp

Date: Mon, 07 Dec 1998 18:55:34 +0000
From: Scott Gregson - KC7MAS <emtech@steadynet.com>
To: JoinerR@avionics2.robins.af.mil, qrp-1 <qrp-1@lehigh.edu>
Subject: [26734] Re: Parts Identification/Cross Reference
Message-ID: <366C24A6.B13857E9@steadynet.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

You can start here for newer stuff
<http://mot2.mot-sps.com/books/current.html>
they also have a fax service:
http://mot-sps.com/home/fax_rqst.html
and there is a fax-back service also, but I don't have the # and you'll
have to become a crypto guy to use it.

"Joiner, Randy - LYSBB" wrote:

>
> I went to a hamfest this past Saturday and picked up a box of probably
> 40-50 Motorola transistors, still in the little plastic bags and with
> the Motorola part numbers on them. Does anyone have any suggestions as
> to where I can find the various ratings on these things or maybe a way
> to cross reference them. There must be a book, I'm just not sure which
> one or where to find it. I also stripped out a couple of old VCRs & a
> TV I found at the trash dumpster, it would be nice to find the ratings
> on some of the active items in them, transistors mostly beginning with an
> A or C. Thanks in advance to all.
>
> 72
>
> Randy WD4DSX

Date: Tue, 08 Dec 1998 10:11:15 -0500
From: S LYON <sslyon@worldnet.att.net>
To: lobar@doitnow.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>

Subject: [26735] Re: QRP Enclosure
Message-ID: <366D4193.52ED4246@worldnet.att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

O.K.... the gauntlet is thrown....
T-H-E best is one of those flip-top-clip-board-thingies that truckers use for paperwork. It's got plenty of room, clip on the top for your log, and room for the QRP paddles on the left/right of the top. Costs about \$18 bucks and worth every penny. I've got two NN1G rigs, keyer, Zm2 and batts inside w/room to spare. Rigs are re-mounted w/knobs out the left wall. It's really light and will be THE vehicle of choice for expeditions to be announced. 72 -s-

Date: Tue, 8 Dec 1998 03:29:18 -0600
From: tshilhanek@juno.com
To: qrp-l@Lehigh.EDU
Subject: [26736] Qrp Log
Message-ID: <19981208.032918.10086.0.tshilhanek@juno.com>

Are there any computer logs that cater to Qrp?
I'm looking for some software that I can use for everyday use and is also written or can be set up for contest.

Thanks for your help
Terry W0PFR

You don't need to buy Internet access to use free Internet e-mail.
Get completely free e-mail from Juno at <http://www.juno.com/getjuno.html>
or call Juno at (800) 654-JUNO [654-5866]

Date: Tue, 08 Dec 1998 03:44:58 -0500
From: "Rich Dailey, KA8OKH" <ka8okh@som-uky.campuscw.net>
To: qrp-l@lehigh.edu
Subject: [26737] re: parts identification
Message-ID: <3.0.16.19981208030840.08ffed6a@som-uky.campuscw.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

>And the parts that begin with A and C are probably 2SAxxx and 2SCxxx
>parts. I used to know which were Japanese, US, etc, has been much to
>long ago...

Never fear, this stuff is in the ARRL handbook for radio amateurs and weight lifters. I know the '95, '96, and '99 books have descriptions of the European numbering system, i.e. the PRO Electron Code, and the Japanese type numbering scheme. And Paul's handbook for QRPers has a wealth of info on part identification. Want to learn how to ID parts? Buy a grab bag or two, dump them all out on the bench, and using the above books, sort them out, put them in drawers. I did this a couple years ago, and through osmosis I have now have a pretty good idea what the numbers mean.

So there's another reason to have a Handbook on your shelf. I think it was Chuck who said that you cannot have enough books, and he is right.

tu de rich (Still waiting to find "The Art of Electronics" on sale).

Happy Holidays from
Rich Dailey, KA8OKH <ka8okh@som-uky.campuscw.net>
The KA8OKH / KB4NPI Web - <http://www.qsl.net/ka8okh>

Date: Mon, 07 Dec 1998 22:03:59 -0600
From: crc <crc@io.com>
To: mgipe@reliablemeters.com, qrp-1@Lehigh.EDU
Subject: [26738] Re: Zombie Full Moon Sprint
Message-ID: <366CA52F.8A821BDA@io.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

>
> you want. I look forward to the first Zombie Full Moon!
>
>
>
> >>Seeing that there seems to be a definite link between the full moon
> week and when things get somewhat out of hand on the list, how about
> a new "Zombie Full Moon" Sprint ?

>
> ..I shudder to think about all those Zombies Mooning each other.

Charlie WA5KRF

> ..

Date: Mon, 7 Dec 1998 23:16:46 -0500 (EST)
From: James Skalski <jskalski@buffnet.net>
To: qrp-1@Lehigh.EDU
Subject: [26739] japanese transistors?
Message-ID:
<Pine.LNX.4.03.9812072307590.1589-1000000@valhalla.valhalla.buffalo.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

What is a good source for these transistors?
I had a website that supplied them but I lost it when we changed machines.
I need a bunch of these guys.

I was just making up my lists.... :-)

2sk192AGR
2sk241Y
2sc535c
2sc1923
2sc945ap
2sc458c
2sc1959y
uPC1037H
uPC575C2
TC9122p
TC5081AP
TA7310p

73,

Jim N2go

Date: Mon, 07 Dec 1998 23:21:06 EST
From: dhlauten@juno.com (David H. Lauten)
To: qrp-1@Lehigh.Edu
Subject: [26740] Re: HW-9 HELP!
Message-ID: <19981207.232859.7055.22.DHLAUTEN@juno.com>

QRP-L Friends,

I have a HW-9 that got a little too close to lighting. One of the 417-912 transistors in the final amplifier circuit got hit.

If you know where I can order several 417-912 transistors, would you kindly reply?

Thanks much in advance!

72 de David Lauten, KF4HAW
Conway, SC (near Myrtle Beach)

You don't need to buy Internet access to use free Internet e-mail.
Get completely free e-mail from Juno at <http://www.juno.com/getjuno.html>
or call Juno at (800) 654-JUNO [654-5866]

Date: Mon, 7 Dec 1998 22:28:57 -0600
From: "K10J" <k1oj@swbell.net>
To: <ws4s@InfoAve.Net>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [26741] Re: WS4S Fox results at last! preliminary log
Message-ID: <005201be2263\$46717560\$3110c1cf@pavilion>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Wow! 20 contacts from TX and only 5 from CA.....Hmmmmmm.
Great job Conrad.
OJ---K10J

Date: Tue, 08 Dec 1998 11:28:00 -0500

From: S LYON <sslyon@worldnet.att.net>
To: whalen@swcp.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [26742] Re: Kites n Balloons!
Message-ID: <366D5390.CCE31AC5@worldnet.att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

THE KITOON IS A GREAT IDEA.. B-U-T the local guys are VERY protective in their investments. For instance, if they aren't in a favorable location, it's impossible to convince them to "let me take it over to the shore...." or, ".... up on the hill..." I've gotta do it on my own terms/condition/calendar and hope to get a rewarding response. If, however, a KITOON owner can join up and schedule..... :)

Date: Mon, 07 Dec 1998 22:29:18 -0600
From: Tim Ahrens <tahrens@inetport.com>
To: qrp-1@lehigh.edu
Subject: [26743] Pulling up stakes
Message-ID: <366CAB1E.43A68426@inetport.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Well folks, guess when you put your house up for sale, you gotta be prepared for what could happen!! Looks like we'll be outa here on Jan 4th!

I am prepared to sell off the radial system of the famous W5FN phased array, one length at a time. Please don't holler all at once, there are enough radials to fill about half of the readership of the qrp-1. Just drop me a line, and I'll personally engrave all the particulars on each piece of re-bar that is used to pin down the lines at the outer edges. This is pure virgin re-bar, being cut personally by me with a 'Victor wrench'. By just attaching ONE of these lines to your antenna system, you will empower your communications system to rise to heights it would never be able to on it's own. Just mention Fox out loud, and stand back!

My benefactor for the past 21 years is requiring all employees to take the last 2 weeks off.. something about reducing costs.. figured what better way to spend my time than packing up 20 years worth of 'stuff' and moving 90 miles west. Bah humbug, just about

when the K2 is supposed to show up too. :-(I'll go to digest mode sometime around Christmas.

Will get an antenna up as soon as I can to snag some of the new year's foxes!

Back to your regularly scheduled programming!

cuall

Tim W5FN

Date: Mon, 7 Dec 1998 21:41:21 -0700 (MST)
From: Joe Gervais <vole@primenet.com>
To: qrp-1@Lehigh.EDU
Subject: [26744] Re: Zombie Full Moon Sprint
Message-ID: <199812080441.VAA20125@usr02.primenet.com>

Howdy Folks,

Mike (K1MG) wrote:

>
> Scoring example (1000 pts allotted to each participant):
> [...]
>
> AB7TT log:
> 0250 - 0355 KI7MN, K1MG, K5FO 25

Man, am I stingy with the points or what? I don't think I like myself anymore. :-)

What would make it really interesting is to have every single Moon Zombie simply submit a log and make up their own scoring system to go with it. I mean heck, just how organized can a pack of undead insomniacs be? *8-)

Extra points for creativity, and for working pi into the equation. ;-)

Cheers de AB7TT,

-Joe, vole@primenet.com, AZ ScQRPions (Phoenix)

"If it ain't fun, you ain't doin' it right!" -The AZ ScQRPions

Date: Tue, 08 Dec 1998 00:04:27 -0500
From: Hank Kohl K8DD <k8dd@contesting.com>
To: qrp-1@lehigh.edu
Subject: [26745] QRP-ARCI Toy Store
Message-ID: <3.0.5.32.19981208000427.00965d00@192.0.0.1>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

The QRP-ARCI Toy Store

New - QRP-ARCI patches. \$5 + \$2 S&H
You can iron it on or sew it on.

Special for the month of December.
One patch & one Blue Pin \$10 postpaid

Visit <http://www.tir.com/~k8dd/thetoystore.htm>
for pictures of what is available.

```
*****  
*                                     *  
*       The QRP-ARCI Toy Store       *  
* http://www.tir.com/~k8dd/thetoystore.htm *  
*                                     *  
*****
```

Date: Mon, 7 Dec 1998 21:08:59 -0800
From: ki6ds@dpo1.k12.ca.us (Hendricks, Doug)
To: "'qrp-1@lehigh.edu'" <qrp-1@lehigh.edu>
Subject: [26746] Acetone in California
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Guys, I went to Long's Drugs this weekend and purchased
1 quart of Acetone, for \$2.39. NO Questions asked. It was
in the paint section, and there was no difference in buying it
than a quart of paint. Sorry Bruce, but you missed it on that
one in California. 72, Doug, KI6DS

Date: Mon, 7 Dec 1998 21:27:35 -0800
From: talljazz@teleport.com (Dan Presley)
To: qrp-1@LeHigh.edu
Subject: [26747] Fox Schedule Change!!!
Message-ID: <v01530501b292604b29bd@[204.202.174.59]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

***** Hunters please take note that there is a change for this next hunt on 12/9 UTC (12/8 evening). I,N7CQR have had to swap spots with Bill,K5ZTY. He'll be the fox this time, and I'll take his slot NEXT TUESDAY (12/16 UTC). Sorry for the change, but job requirements caused it! Look for Bill from Texas, and then next week I'll be your critter from way out northwest. I believe Bill will post his details for the hunt. Good luck!
Dan N7CQR

Date: Tue, 08 Dec 1998 05:25:57 +0000
From: Peter Larsen <larsenp@cadvision.com>
To: tshilhanek@juno.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [26748] Re: Qrp Log
Message-ID: <366CB865.24372CF8@cadvision.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi All:

The best computer logger IMHO is Log-EQF. It has a reasonable contest mode, but can import logs from TR and CT. Does rig control and sends CW. Packet for the cluster is also built in. Tracks DXCC, WAS, WAZ, IOTA and a few other things. I enjoy the program and it is very easy to use.

I here by certify that I don't know Mr. EQF. I don't work for him. I have no financial interest in Log-EQF. I got the share ware copy off of the QRZ CD rom. I don't work for QRZ. I don't have any financial link to QRZ. Yes I have registered my copy.

--

73 es have fun
Peter
VE6YC D021wc

Did you hear about the dyslexic Satanist?

He sold his soul to Santa

Date: Tue, 8 Dec 1998 01:02:56 -0500
From: "Wilford D. Lindsey" <70511.3041@compuserve.com>
To: //QRP-L Discussion Group <QRP-L@Lehigh.edu>, "+Doc W.D. Lindsey/K0EVZ" <70511.3041@compuserve.com>
Subject: [26749] *NEW* N/T+ FOX this week!
Message-ID: <199812080104_MC2-62C4-575B@compuserve.com>
MIME-Version: 1.0
Content-Transfer-Encoding: 7bit
Content-Type: text/plain; charset=us-ascii
Content-Disposition: inline
Content-Transfer-Encoding: 7bit

Gang:

I am posting thie following e-mail for Mary...who has sent it to the reflector 5 times to no avail:

>> Hello to all:

I will be on the air as N/T+ fox 12/8 es 12/10 Tuesday es Thursday 1700 to 1900 pst. (12/9 es 12/11 0100 to 0300).

The rig is a 40 meter homebrew running 5 watts into a 4 band Yagi! Will be swinging the antenna during the chase so those really nice southern hounds can have a good chance, too. My dipole is wounded so am using the Yagi for now.

If you send over 10 wpm your info becomes real confused, but will do my best.

Exchange: call sign, name, state, power output, QRP-L number

72/73 QRP-L # 1779
Mary <><WN6HYX <<

NOTE: This is our first-ever N/T+ FOX (I believe). So let's make her welcome by joining in the hunts for her.

As always, thanks for your support and encouragement of all our N/T+ FOXes. They are a fine lot and a credit to our hobby.

72/73,
--Doc Lindsey/K0EVZ

DSBF
P.O. Box 7187
Bismarck, ND 58507
E-Mail 70511.3041@compuserve.com

Date: Tue, 08 Dec 1998 01:12:25 -0500
From: Pete Burbank <plburbank@kih.net>
To: <qrp-1@Lehigh.EDU>
Subject: [26750] Help-FET ID
Message-ID: <3.0.32.19981208011221.006856b4@kih.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Gang,
I may as well add a question to the recent pile of requests
for help in identifying secret transistor numbers. I have some
4 lead TO-18 metal FETS that I would like to know more about.
Perhaps the massive collective brain of QRP-L can help.

They are labeled 402302 and below that is 6941W39050-
Ye olde ohmmeter says they are N channel J-FETs. The LOGO is
printed on top of the can and looks like the outline of a whiskey
barrel. (no smart remarks because I'm in Kentucky, please).
Any help from the group would be appreciated.
Since many of us have questions regarding scrounged parts,
(and some are high quality-gamma ray blasted- stuff), it seems
appropriate to post to the group. We might even create a technical
thread as opposed to "this brand- that brand escalations".

73+/-1 Pete W4VCT
Somewhere south of Nonesuch, Ky.

Date: Tue, 08 Dec 1998 02:17:26 EST
From: we6w@juno.com (Ed Loranger)
To: jg1rvn@inv.co.jp
Cc: qrp-1@Lehigh.EDU
Subject: [26751] Re: OHR-100 Drift Fixes.
Message-ID: <19981207.230813.7887.6.we6w@juno.com>

Toru. Great post. All the information is nice to have.

I want to be one of the first to say welcome to the list.

Welcome Toru.

Yes!

72, Ed WE6W QRP-Z#106 <http://www.qsl.net/we6w>
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Get completely free e-mail from Juno at <http://www.juno.com/getjuno.html>
or call Juno at (800) 654-JUNO [654-5866]

Date: Tue, 08 Dec 1998 02:17:26 EST
From: we6w@juno.com (Ed Loranger)
To: bkassel@dancris.com
Cc: qrp-1@Lehigh.EDU
Subject: [26752] Re: ScQRPion Antlers Sold Out
Message-ID: <19981207.230811.7887.0.we6w@juno.com>

And what a great little project. You Arizona ScQRPions deserve a huge pat on the back. What a great little antenna idea and one I will carry with me always.

Thank you ScQRPions!
72, Ed WE6W QRP-Z#106 <http://www.qsl.net/we6w>
Enjoying Ham Radio every day! Santa Rosa, CA.

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Get completely free e-mail from Juno at <http://www.juno.com/getjuno.html>
or call Juno at (800) 654-JUNO [654-5866]

Date: Tue, 08 Dec 1998 02:17:26 EST
From: we6w@juno.com (Ed Loranger)
To: russ@natworld.com
Cc: qrp-1@Lehigh.EDU
Subject: [26753] Re: DECEMBER SPARTAN SPRINT:WE6W Log
Message-ID: <19981207.230814.7887.9.we6w@juno.com>

All I can say is Wow!

Ok, maybe add my stats:

STATION Information:

WE6W, Ed Loranger

Rig: OHR-100 at 5 Watts.

Ant: Folded Dipole Inv. Vee, apex up 50 Feet.

Feedline: 300 Ohm twinlead.

Key: Les Logan Bug. (1941 model #501)

Bat: 2.4 AH Yuasu Gel Cell.

SPEAKER: Concrete Shell with 60 Watt litebulb and
PVC pipe tuned resonant speaker. 1/2 pound.

TOTAL STATION Weight: Rig/Key/Bat == 6.5 LBS.

TOTAL QSO's ===== 33

BAND: 40 Meters only.

Soapbox: 90 minutes of sheer Fun! Last 30 minutes
the band died.

Best one all year guys! I had so much fun. My fingers
were frozen but I kept going. Temp in the garage was 40 deg. F.

What really blows me away is I worked Frank/C02HA who was
also running 5 Watts /QRP! And NY, and MD and

Sheesh! You won't believe this for 40 meters ONLY!

SPC's: CO/PA/AZ/OH/WI/OR/SD/TX/WA/IA/CA/MI/NY/MD
/IN/ON/AL/CUBA/BC/KY/IN!!!

21 SPC's in 92 minutes of operating. On 40! With a
Dipole and 5 watts from my OHR-100.

I've been on the air for 22 months, and I've seen lots
of action, but this has got to be the fastest/bestest
ever for me with my setup. I am totally amazed.

And I was looking for the weak ones, moving the rig
after each call. With a 60 Hz -3db B/W of the
speaker I've learned to check for off freq stations.
And rewarded with some nice catches on the
East coast!

Halleluja! Or however it is spelled.

FUN!

G'nite.

-Ed

72, Ed WE6W QRP-Z#106 <http://www.qsl.net/we6w>
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or call Juno at (800) 654-JUNO [654-5866]

Date: Tue, 8 Dec 1998 02:45:00 EST
From: Ab7wy@aol.com
To: qrp-l@lehigh.edu
Subject: [26754] Re: [TenTec] Ten Tec happy versus unhappy customers
Message-ID: <bc2f4000.366cd8fc@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit
Content-Transfer-Encoding: 7bit

In a message dated 12/7/98 2:47:55 PM Pacific Standard Time,
jrybak@mesa7.mesa.colorado.edu writes:

<<
I didn't get counted in Paul's survey. I am a VERY HAPPY Ten-Tec user.
I have had a Corsair II and now I have an Omni VI. If and when the Omni
VI ever wears out, I'll buy another Ten-Tec rig.

>>

Im very happy with the performance of my Tentec Century 21 analog. the qsk is
outstanding and its ease of use is great....and its a tank, great for
contesting.

i have lots of fun with it...sure its not a 1000D, but whatever....i like it!

73....Adam, N7YA

Date: Tue, 8 Dec 1998 19:10:58 +1100
From: "Graeme Zimmer" <gzimmer@vic.bigpond.net.au>
To: <rlwc@frii.com>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [26755] Re: PARTS: Where to buy?
Message-ID: <00e701be2282\$49c08840\$ee12c018@c3.telstramm.net.au>
MIME-Version: 1.0
Content-Type: text/plain;
charset="Windows-1252"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Greetings from Oz,

>Folks:

>Best place to buy Semiconductors & IC's?

One source which may not (yet) be very familiar in the USA is
"Farnell" at <http://www.farnell.com/>

They started in England (I think) and have now spread over most of the world.

They have a USA agent at <http://www.newark.com/>

Their free catalog is an absolute "must get" item..... it's about 2.5 inches thick...

A no, I don't have any connection with them..... just very happy with their service..

Cheers Graeme Zimmer VK3GJZ

Date: Tue, 08 Dec 1998 04:55:14 -0800
From: Jon Iza <iapizloj@bicc00.bi.ehu.es>
To: qrp-l@lehigh.edu
Subject: [26756] DL-QRP-AG PA news
Message-ID: <366D21B2.6735@bi.ehu.es>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

OK, folks

I was waiting for Peter DL2FI or other more relevant members of the DL-QRP-AG club to give you some hints about the Power Amplifier kit. It looks like the Club did a short run of 100 kits, cared of by Helmut Seifert. After the initial batch, the kit will be offered by the German Radio journal Funkamateuer.

On last QRP-Report, on top of several items of great interest there was an add for the PA... 1.8 to 52 MHz, more than 7.5 W out with a gain of (37 +/- 1) dB... not bad!

Announced price is DM 82.00 (around 50 bucks) and delivery date "after November"

I've checked the web page of Funkamateur <http://www.funkamateur.de> where there are pages in English, and even special instructions for the hams in the US to order using credit card...
On "Kits" there is a reference to the PA kit, but with a note... soon.

So, please keep checking the pages. (I hope Peter or Uwe will have some more news soon).

Be well.
jon, ea2sn

Date: Tue, 8 Dec 1998 04:50:32 -0500 (EST)
From: Bruce Muscolino <w6toy@erols.com>
To: gzimmer@vic.bigpond.net.au
Cc: QRP-L@LEHIGH.edu
Subject: [26757] Re: PARTS: Where to buy?
Message-ID: <2.2.16.19981208044101.29f70d76@pop.erols.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Farnell is the parent company of Newark Electronics.

73

Date: Tue, 08 Dec 1998 05:16:39 EST
From: aa5yx@juno.com (John Harper AA5YX/2)
To: qrp-l@lehigh.edu
Subject: [26758] Submarines - not QRP
Message-ID: <19981208.051715.4943.0.AA5YX@juno.com>

About 6 months ago in a thread regarding VLF communications it came to light that several of us (20+) on this list are/were submainers, so I wanted to pass along a book recommendation. "Blind Man's Bluff" was recently published and is a good read about submarine ops during the Cold War. A chapter is devoted to the USS Scorpion with information released as late as 1993 supporting the theory of why it sank. Other chapters deal with various boats and "spec-ops".

Incidentally, I seem to remember someone volunteering to collect info on those of us on this list who were Bubbleheads, along with the dates and names of the boats served on, but I don't think the info ever got passed along. If there's any interest, I'd be happy to collect the info via email and then post it either here or as an addendum to my home page. For

those interested, send me your name, rate, name of boat(s), years served onboard and homeport.

John Harper AA5YX/2 ET1(SS) USS Barb (SSN-596) 1985-1989
HW-9, NorCal 40A, OHR 100A-20m, SST-30m
YashicaMat 124G Info Page: <http://home.att.net/~j..harper>

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or call Juno at (800) 654-JUNO [654-5866]

Date: Tue, 8 Dec 1998 05:16:12 -0600
From: "Terry Bassett" <mutabut@net66.com>
To: <we6w@qsl.net>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [26759] Re: Zombie Full Moon Sprint
Message-ID: <001d01be229c\$2b16a720\$97538bce@host.net66.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hello to All,

I would like to second the emotion that Ed expressed about including a high point value for working Novice/Tech+ in the Zombie Full Moon Sprint. Any high value will do as long as it is clear that there is reward for spending time looking through the N/T+ zones of the Bands.

I think it is pretty clear that on the air use of skills makes better operators and retains people in our service/hobby.

73,

Terry, KA9TXE

>Ed Loramger wrote:
>* All Novice frequency QSO's are worth 5 * Azimuth angle for both
>parties.

Date: Tue, 8 Dec 1998 04:12:20 -0800 (PST)

From: ac6ts@n2.net (John Williams)
To: qrp-1@Lehigh.EDU
Subject: [26760] WTB:HW-9
Message-ID: <199812081212.EAA13928@ravel.n2.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

>Am going QRP and want a HW-9 with WARC bands. Some scratches ok, but
>must be properly aligned and meet factory RX/TX specs. Mods ok. I'm not
>a
>collector, just want a fully functional HW-9 to use. Like book but ok
>without.
>E-Mail AC6TS@n2.net

Tnx
John ac6ts

---/---
---/---
----/----
-----/-----

AC6TS John Williams
LAT. 33.06.15 LON. -117.03.36 7.030Mhz CW
DM 13KC 14.030Mhz CW

Date: Tue, 8 Dec 1998 07:18:33 -0500
From: "Dan Wolfe" <n4roa@mounet.com>
To: "Low Power Amateur Radio" <qrp-1@Lehigh.edu>
Subject: [26761] Impossible
Message-ID: <199812090135.UAA22551@ns2.mounet.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

EEEEEEEEYYYYYYYYYYYYIIIIIIIIIIII. I can't stand it any longer. I gotta tell somebody or I'm gonna blow up. Here is where I thought I would relate my tale because this place is loaded with folks that understand.

It happened during the ARRL 160M contest this past weekend. Started on time and continued on into the wee hours of the morning. Search and pounce with a few stints on a frequency calling CQ. Checked the DX window every now and then to see what action was there. Plenty of activity but too many stations

to compete with. I did finally work C6AFV and heard others but no luck.

At 0837Z I worked a LAX section(K6SE) followed by Ut, Wy, Az, Scv, Sv, and few others mixed in. Around 0940Z, I decided to check around the DX window. Cruised over and, at first, could not believe my ears. There he was, all in the clear, calling CQ with no takers. Good signal...Where is everybody? Oh well, no chance for me but I will throw my call in anyway. I sent...N4ROA. Response was...OA? I almost fainted but did manage to throw my call out again and he came back with ...N4ROA 599 Pac...How I managed to get my info sent is beyond me..YESSSSSS. I just worked KH7R with 5W.....Impossible, I can't believe it. Then the war zone started...Killowatts flying everywhere. It was as though he was just waiting there for me and everyone else was waiting for me to make the contact.

Here it is days past and I am finally coming back to earth. Boy! Oh well, you people understand the excitement. It would not have happened though if there had not been a "world class" op at the other with the big ears and a super station set-up. A contact I will never forget.

Ended up Friday night's operation with 320 contacts. I celebrated Saturday night by watching the Tenn. vs Miss. St. football game with grandson Zack. Late start on Saturday but ended up with 425 contacts and 55 sections, 1 DX. 856 points.....That cifers out to 47,080 total score.

What a weekend.....

72..Dan

Date: Tue, 08 Dec 1998 07:15:54 -0500
From: mikemo@ibm.net
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [26762] Re: parts identification
Message-ID: <366D187A.6DD@ibm.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

> >And the parts that begin with A and C are probably 2SAxxx and 2SCxxx
> >parts. I used to know which were Japanese, US, etc, has been much to
> >long ago...

Is there a source of information on how to "measure" the characteristics of an unknown transistor? With an ohm meter I can figure out which leads are the emitter, base and collector. A curve tracer can show the DC

specs. How do you test for the AC (RF) specs?
72 de ku4qo, Mike Maiorana, Palm Harbor, FL

Date: Tue, 08 Dec 1998 07:44:51 -0500
From: elawson@lr.net (Ed Lawson)
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [26763] Re: [TenTec] Ten Tec happy versus unhappy customers
Message-ID: <19981208124235.AAA26593@eel.demo.net>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Didn't see the start of this thread, but I'll chime in as a very happy user of the Ten-Tec Scout.
I bought it for portable and FD use. But some days I just want to fire it up and use it instead of the Yaesu in the shack. Something about it. Clean, easy and a joy to use.
Ten Tec's support and repair people are outstanding too.

Ed Lawson
K1VP

Date: Tue, 8 Dec 1998 07:24:21 -0600
From: applitech@mcg.net (Claton Cadmus)
To: "QRP-1" <qrp-1@lehigh.edu>
Subject: [26764] Re: *NEW* N/T+ FOX this week!
Message-ID: <01ff01be22ae\$1a522ec0\$a10a5e2c@groucho>

I'll be looking for Mary, how fun to actually work an old novice call.
For those that don't know, Mary got her Dad's old call back. Wonder if the FCC will still drop the "N" when Mary upgrades? ;-)
73 de Cla KA0GKC

Date: Tue, 8 Dec 1998 08:26:15 -0500
From: "George Heron" <gheron@idt.net>
To: "NJQRP" <NJQRP@njqrp.org>, "QRP-L" <qrp-1@Lehigh.EDU>

Subject: [26765] Autumn QRPP is fabulous!
Message-ID: <006501be22ae\$57277490\$763984a9@herong.dialogic.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Guys,

A few have mentioned that their Autumn QRPP was received in the mail yesterday ... mine arrived too, and all I can say is WOW! This is a first-of-a-kind (that I'm aware of) that deals with a single technical topic, and it is *so* well done!

The first thing you notice through the plastic shipping envelope is the beautiful cover artwork and coloring. Sort of a smooth, glossy silver-and-beige, front and back, with great pictures of the rig, a reviewer/builder, a test bench all set up for the build, and the populated NN1G itself.

Next, as you draw the issue out of the bag you'll notice that it's "perfect bound" ... this is a binding technique used by some other high-quality journals, magazines and publication houses. *Very* good feel to it. Very professional. Nice going Paul!

Further, and most important, all the material about the Elmer 101 series and Dave Benson's SW-40+ rig "dissection and explanation" is an absolute treasure trove of information! A lot of it was material from the QRP-L, but very much more smoothed out, grammar-corrected, filled-in information AND schematics, block diagrams, etc. I don't know about your mail habits, but I'm an information hound and I collect and retain tons of interesting discussion threads for later reference ... my collection of the original e-mail pales to the quality and value of this issue of QRPP. It contains it *all*, logically glued together and also contains some new material I don't recall seeing before.

What a great idea this was in dedicating an issue to such an important topic, Doug! This is bound to be a collector's item and it was well worth the wait to get it. KI6DS, NA5N and the entire NorCal team putting out this issue are to be commended.

Thanks!

72/73,
--George Heron, N2APB
n2apb@amsat.org in Sparta, NJ

Date: Tue, 08 Dec 1998 08:01:39 -0600
From: "Jeff M. Gold" <JGold@tntech.edu>
To: QRP-L #98 <qrp-l@lehigh.edu>
Subject: [26766] thanks do Dave B and Doug H
Message-ID: <005b01be22b3\$478f0c00\$4d0b9595@Jeffro.cc.tntech.edu>
MIME-version: 1.0
Content-type: text/plain; charset="iso-8859-1"
Content-transfer-encoding: 7bit
Content-Transfer-Encoding: 7bit

Just wanted to thank Doug H and Dave B. I just received my copy of qrp-p. I guess I really didn't pay much attention to the Elmer 101 when it was on the list. I took some time and briefly went over the contents of the issue. I just wrote out the check and sent off for my SW40+ (I have built one or more before). I know some of what is going on inside, but always wanted to build a project that would give me a clearer understanding of the inner workings of a QRP transceiver.

72
jeff, AC4HF

Date: Tue, 8 Dec 1998 08:10:28 -0600
From: "Kevin Muenzler WB5RUE" <wb5rue@stic.net>
To: <ki6ds@dpol.k12.ca.us>, "'Low Power Amateur Radio Discussion'" <qrp-l@Lehigh.EDU>
Subject: [26767] RE: Acetone in California
Message-ID: <000801be22b4\$82b0e000\$d8016f81@muenzlerk.uthscsa.edu>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Boy am I surprised! Especially since their trying to get Carbon Dioxide classified as a pollutant! Don't forget to put on your catalytic converter before you leave the house...

Kevin, WB5RUE

> -----Original Message-----
> From: owner-qrp-l@Lehigh.EDU

> [mailto:owner-qrp-1@Lehigh.EDU]On Behalf Of
> Hendricks, Doug
> Sent: Monday, December 07, 1998 11:09 PM
> To: Low Power Amateur Radio Discussion
> Subject: Acetone in California
>
>
> Guys, I went to Long's Drugs this weekend and purchased
> 1 quart of Acetone, for \$2.39. NO Questions asked. It was
> in the paint section, and there was no difference in buying it
> than a quart of paint. Sorry Bruce, but you missed it on that
> one in California. 72, Doug, KI6DS
>

Date: Tue, 8 Dec 1998 09:17:45 -0500 (EST)
From: bkobie@webtv.net (patrick obrien)
To: qrp-1@lehigh.edu
Subject: [26768] trade
Message-ID: <18550-366D3509-594@mailtod-131.iap.bryant.webtv.net>
Content-Disposition: Inline
Content-Type: Text/Plain; Charset=US-ASCII
Content-Transfer-Encoding: 7Bit
MIME-Version: 1.0 (WebTV)
Content-Transfer-Encoding: 7Bit

trade mfj 9015(15mtr cw xcvr) excellent condx(no manual)

for

80 mtr qrp xcvr

qsl k8len/pat

Date: Tue, 08 Dec 1998 07:26:55 -0700
From: Andy Fox <foxes@theriver.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [26769] EPROM Erasing
Message-ID: <366D372F.24116838@theriver.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi,

Is there a rule of thumb for the amount of time required to erase an EPROM? I have a "Daterase II" eraser, and am working with PIC microcontrollers in windowed ceramic packages. According to Microchip, there is no harm in exposing these devices to lots of UV. I am in the process of writing short "throw away" programs and observing the results, then moving on to another program. Is five minutes enough? Does it take an hour?

Thanks in advance, and 72 de Andy, KK7HV in chilly Tucson, AZ
Sure did enjoy sledding this weekend!

Date: Tue, 8 Dec 1998 09:29:26 -0500
From: "Ken & Linda Burrough" <ne0c@1st.net>
To: "QRP-L" <qrp-l@Lehigh.EDU>
Subject: [26770] Re: (Ten Tec) Ten Tec happy versus unhappy custom...
Message-ID: <004301be22b7\$3e5574e0\$d406f0d1@ne0c.1st.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I also didn't see the start of this thread, however count me as a very happy user of Ten Tec equipment. I currently have a new Omni 6 Plus, a 20 year old Model 544 (Triton 4 Digital), Argo 556 and a PM2-B.

The Omni 6 Plus and 544 both run QRP power levels with out protest and unmodified. The Argo 556 is my contest rig and the PM2-B is great for a Sunday afternoon of fun.

Ten Tec's support and repair is the best, they just rebuilt the PT0 and did a complete re-alignment on my 544. Total cost for this was \$112.00. Made in the U. S. A. is still the best.

72 all
Ken/ne0c
Flushing, Ohio

Date: Tue, 8 Dec 1998 08:50:29 -0600 (CST)
From: Bruce Rattray <rattray@gpfn.sk.ca>

To: QRP-Canada <qrp-canada@lists.gpfn.sk.ca>, Low Power Group <qrp-l@LeHigh.EDU>
Subject: [26771] FOX: Team scores (fwd)
Message-ID: <Pine.LNX.3.95.981208084044.2504B-1000000@neale.gpfn.sk.ca>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

....WS4S - fox hunt #18...

The 40 mtr Fox Hunt Team Scores

...the Houston Hounds-12.900-hounds->K5ZTY,W5SB,KQ5U,KK5LD"CLEAN SWEEP!"
...the Underdogs - 11.579 - hound -> KI0II
...the Vibro-Fox Finders - 11.200 - hounds -> WE6W,KU7Y,WS8D
...the Texas Tarantulas -9.500-hounds->AB5WX,K5LN,N5TW,W5HNS"CLEAN SWEEP!"
...the Fox Nabbers - 9.236 - hungry hounds here this time.
...the Kentucky Porch Houndz - 8.500 - 2 lonely & hungry hounds.
...the Brass Pounders - 8.250 - hounds -> N1FN,AK7Y
...the Northern Lights - 7.325 - hounds -> VE6EWM,VE5RC,VE2KN
...the Swords - 5.328 - these hounds are sharpening their teeth...
...the Team Apathy - 3.663 - hound -> K7TQ,AB7TT
...the Jersey Diddles - 1.864 - hound -> N2WF

Date: Tue, 8 Dec 1998 10:00:08 -0500
From: wn6hyx@qsl.net ()
To: qrp-l@Lehigh.EDU
Subject: [26772] N/T+ FOX
Message-ID: <199812081500.KAA07135@ns1.qsl.net>

Hello Everyone,

A great big thanks to Doc for all his help es he's an A-1 op in my books. I'm ready to go tonite! Will be starting around 7.110 es dodging the broadcast stations.

72/73
Mary<><wn6hyx
QRP-L #1779

Date: Tue, 08 Dec 1998 08:00:00 -0700
From: Larry East <w1hue@amsat.org>
To: qrp-l@lehigh.edu
Subject: [26773] Need email address
Message-ID: <3.0.3.32.19981208080000.0091fbd0@axp1>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Anyone happen to have the email address for VE7BP0? Please reply direct.

Thanks & 72,
Larry W1HUE
w1hue@amsat.org

Date: Tue, 8 Dec 1998 09:43:37 -0500
From: "Joiner, Randy - LYSBB" <JoinerR@avionics2.robins.af.mil>
To: "'qrp-1@lehigh.edu'" <qrp-1@lehigh.edu>
Subject: [26774] Thanks!
Message-ID: <AD001062E6EFD111AB4A00805F9F46A7544AD8@mustang>
MIME-Version: 1.0
Content-Type: text/plain

Man! When I asked for help with the Parts Identification/Cross Reference message, I never expected such an outpouring of assistance. I got enough leads to keep me busy for a spell. I am truly grateful to a sure enough great bunch of Hams! Thanks so much for your help.

Randy WD4DSX

Date: Tue, 08 Dec 1998 10:13:03 -0500
From: "Jim Kortge, K8IQY" <jokortge@cwix.com>
To: jskalski@buffnet.net
Cc: qrp-1@lehigh.edu
Subject: [26775] Re: japanese transistors?
Message-ID: <3.0.1.32.19981208101303.006ba1f8@mail49.cwix.com>
MIME-version: 1.0
Content-type: text/plain; charset="us-ascii"

At 11:16 PM 12/7/98 -0500, you wrote:

>
>What is a good source for these transistors?
>I had a website that supplied them but I lost it when we changed machines.
>I need a bunch of these guys.
>
>I was just making up my lists.... :-)
>
>2sk192AGR
>2sk241Y
>2sc535c
>2sc1923
>2sc945ap
>2sc458c
>2sc1959y
>uPC1037H
>uPC575C2
>TC9122p
>TC5081AP

>TA7310p

>

Jim....try Consolidated Electronics in Dayton. 1-800-543-3568.

I have an old 1995 catalog, but most of what you are looking for is in it.

GL and 72.....Jim, K8IQY

Date: Tue, 8 Dec 1998 10:28:01 -0400
From: "Richard E. Robinson" <rerobins@email.uncc.edu>
To: qrp-l@lehigh.edu
Subject: [26776] Re: (Ten Tec) Ten Tec happy versus unhappy custom...
Message-ID: <v03102802b292e5d6fcab@[152.15.144.71]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

I missed this TenTec thread also.

I've owned TenTec gear since 1973 and have nothing but praise for the gear and the company. No high priced "mods", no vapor ware and misleading ads, no cheap power connectors, just A-1 customer service and first quality equipment from the start. They treat you like they would like to be treated.

Proof of how owners like their TenTecs ... how much used TenTec gear do you see for sale at hamfests? Not very much if your hamfests are like ours in the southeast. Once you own TenTec, you don't let it go.

Viva TenTec!

Rick kf4ar

Date: Wed, 9 Dec 1998 02:25:36 +1100 (EST)
From: james owen <k4cgy@yahoo.com>
To: qrp-l@lehigh.edu
Subject: [26777] FS: MFJ9020
Message-ID: <19981208152536.26065.rocketmail@send103.yahoomail.com>

MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

I have for sale a MFJ9020 in excellent condition. Board revision #3 (not the latest). This is the basic 9020 without the optional keyer & AF filter. Works just fine and puts out a solid 5 watts. \$120.00.

72 Jim K4CGY qrp-l #72

DO YOU YAHOO!?
Get your free @yahoo.com address at <http://mail.yahoo.com>

Date: Tue, 08 Dec 1998 15:30:38 +0000
From: Brian Short <bshort@speedchoice.com>
To: qrp-l@lehigh.edu
Subject: [26778] FT-890 Filters?
Message-ID: <199812081531.IAA28560@mail.phoenix.speedchoice.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

FT-890 Filters?

I am looking for a CW filter for the FT-890 and also the optional replacement SSB filter.

73, Brian

--
Brian Short 1994 E Laguna Dr Tempe, Az 85282
bshort@speedchoice.com >or< <http://www.qex.net/>
--

Date: Tue, 8 Dec 1998 10:19:49 -0500
From: "Dave Maliniak" <dmaliniak@penton.com>
To: njqrp@njqrp.org, qrp-l@lehigh.edu
Subject: [26779] Re: Autumn QRPp is fabulous!
Message-ID: <852566D4.005415BD.00@mail.penton.com>
Mime-Version: 1.0
Content-type: text/plain; charset=us-ascii

Content-Disposition: inline

George, N2APB:

Yes, the new QRPP *is* amazing. I've told Doug many times that for a journal that's put together by an "amateur" editor (and that's not meant to be in any way denigrating... the man is, after all, a biology teacher and not an editor by trade), QRPP is a publication that is the equal of and, in some cases, superior to alleged technical journals compiled by alleged professionals. I *am* a professional editor and have been for 17 years, and I wonder whether I could ever do what Doug is doing in QRPP. His love for QRP jumps out of every issue. He's getting better at it as he goes along, too.

I've shown QRPP to colleagues of mine in the technical trade press, including editors of Electronic Design (I used to be one myself), and they agree that the level of technical content in QRPP is *very* high. Keep in mind that none of these people are hams, but most are engineers. Every one who's seen QRPP marvels that it's done by one guy who's not an engineer and not a publishing pro. If they only knew the half of it... the half being all the *other* stuff that Doug does.

Some may question the concept of a single-topic issue. If you participated in Elmer 101, it's old news. If you have no interest in the subject, it's noise. I would say that if at first glance it seems uninteresting and too specific to the SW-40+, give it a chance. There is so much valuable information that's applicable to QRP rigs in general that it somehow transcends its single-topic nature and takes on the character of a generic text on QRP circuit design. I spent an hour or so with the issue late last night and, as you point out, it is so well done that it's now got me thinking about buying the kit and going through the process of building it as if I were participating. I'm sure many NorCal members will do exactly that. The only drawback I can see to doing it now is that you won't have the same level of back-and-forth with the Elmers. But I'm certain that if one had questions, one could get answers on QRP-L, probably from the same individuals who were so central to Elmer 101 in the first place.

So, I must second your kudos to Doug and extend them to everyone involved in the Elmer 101 project. It stands as a testament to what a fantastic resource QRP-L is when everyone's hearts and minds are in it and when energies are channeled in an appropriate direction. And as far as QRPP goes, the bar has been raised again. I've said it before and I'll say it again: Doug H. is one of my QRP heroes.

72, David N2SMH
Glen Rock, NJ

NA5N	Paul Harden	ET1(ss)	USS Robert E. Lee SSBN 601 USS Bang SS 385 (spec. ops, only 5 days!)
AB0AE	Fred Ringwald	?(ss)	USS Snook SSN 592 USS Nathaniel Green SSBN 636 USS Ulysses S. Grant SSBN 631
WV6U	Steve Hawkins	RM2(ss)	USS Haddock SSN 621 (plank owner)
W5WEB	Mark Hooper	FTG2(ss)	USS Robert E. Lee SSBN 601 USS Bang SS 385
K1EPJ	Dave LeDuc	RM2(ss)	USS James Polk SSBN645 (plank owner)
WB6JBM	Richard Powell	?(ss)	USS Von Steuben SSBN 632 USS Greenling SSN 614 USS Archerfish SSN 678
AU4QW	Jim Fielden	?(ss)	USS Daniel Boone SSBN 629
KA7YOU	Rod Johnson	ET1(ss)	USS Wahoo SS 565 USS Remora SS 486 USS Greenfish SS 365

"Sweepers, sweepers, man your brooms. Give the ship a good clean up from fore to aft. Dump all trash and receptacles on the pier. Now Sweepers."

"Station the maneuvering watch. Rig ship for dive."

72, Paul NA5N(ss)

Date: Tue, 08 Dec 1998 10:38:56 -0500
 From: "John L. \"Jake\" Carter" <jakecart@ix.netcom.com>
 To: NJ QRP Club <njqrp@njqrp.org>
 Cc: QRP-L <qrp-l@lehigh.edu>
 Subject: [26782] Autumn QRPp -- SW-30?
 Message-ID: <366D4810.F82D4461@ix.netcom.com>
 MIME-Version: 1.0
 Content-Type: text/plain; charset=us-ascii
 Content-Transfer-Encoding: 7bit

Content-Transfer-Encoding: 7bit

I really like this issue of QRPP -- looks very professional and lots of good info -- no blank pages in mine.

I've regretted missing the Elmer project, but after taking a homebrew inventory -- I have a OHR100A on 40m and the SST, GM-20, and new NorCal 20 for 20m -- I think a SW-30 is needed for 30m (got to use that QRPP info - hope it applies to the 30m version) :-)

Jake -- N4UY
Vienna, VA

Date: Tue, 8 Dec 1998 10:37:47 -0500 (EST)
From: Jim Fielden <fielden@utkux.utcc.utk.edu>
To: QRP-L <qrp-l@Lehigh.EDU>
Subject: [26783] QRP Stuff for Sale.
Message-ID: <Pine.LNX.3.95.981208103609.1139C-1000000@qrp.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I have a few qrp items for sale. Instead of posting the list here just go to <http://www.qsl.net/ku4qw/sale.txt>
If you only have E-mail access just E-mail me and I'll send you the list.
It's more than qrp stuff, but some of it is for sure qrp.

72 * Jim, KU4QW - QRP-L #1481 - G-QRP #10117
fielden@utkux.utcc.utk.edu - FISTS #5380 - QRP ARCI #9789
<http://www.qsl.net/ku4qw/> - No-SSB Int(tm) #1,000,014

Date: Tue, 8 Dec 1998 09:38:44 +0000
From: "Bryan Turner" <turnerw@email.uah.edu>
To: w1hue@amsat.org
Cc: qrp-l@Lehigh.EDU
Subject: [26784] Re: Need email address
Message-ID: <199812081543.JAA19626@uahis1.uah.edu>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII

Content-transfer-encoding: 7BIT
Content-Transfer-Encoding: 7BIT

Online callbooks, with email addresses when submitted, are at:

<http://www.qrz.com/directory.cgi>

http://www.buck.com/cgi-bin/do_hamcall

73 Bryan W8LN

> Date: Tue, 08 Dec 1998 08:00:00 -0700
> Reply-to: w1hue@amsat.org
> From: Larry East <w1hue@amsat.org>
> To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
> Subject: Need email address
> X-To: qrp-l@lehigh.edu

> Anyone happen to have the email address for VE7BP0? Please reply direct.
>
> Thanks & 72,
> Larry W1HUE
> w1hue@amsat.org
>
>
>

Date: Tue, 8 Dec 1998 16:46:45 -0000
From: Peter Zenker <Peter_DL2FI@csi.com>
To: "'QRP-L via PoP3'" <qrp-l@lehigh.edu>
Subject: [26785] DL-QRP-PA
Message-ID: <01BE22CA.66F939A0.Peter_DL2FI@csi.com>

Long times ago I promised that our little PA will be available via the FUNKAMATEUR internet shop. It took them a long time because they had some internal problems.
Today I got a call and they told me, that the PC-boards are on the way now. They will be available soon.
To see details of the PA, visit the the DL-QRP Club homepage

http://www.ourworld.compuserve.com/homepages/peter_dl2fi

The FUNKAMATEUR Shop you will find at

<http://www.funkamateurl.de>

I mean many of us use the PA as a standard exchange PA in SIERRA, NorCal40, QRP+ and some other rigs and it works great between 1,8 MHz and

50 MHz.

72 de Peter, DL2FI

Date: Tue, 8 Dec 1998 16:39:46 -0000
From: Peter Zenker <Peter_DL2FI@csi.com>
To: "'QRP-L via PoP3'" <qrp-l@lehigh.edu>
Subject: [26786] SPRAT complete on CD
Message-ID: <01BE22CA.6462FE60.Peter_DL2FI@csi.com>

With permission of George, G3RJV we started scanning of all SPRATs to publish them again as a CD. We got all issues of SPRAT except NUMBER ONE. Of course we will press the CD starting with SPRAT No 2, but we would much more like to have a CD including NUMBER ONE.

Is there anyone out there who will give me a SPRAT number one on lone to scan it or send me high resolution scan of SPRAT 1 ???? I promise he will get it back very soon and he will be the first one who receives the SPRAT CD (next me ;-)))

Scanning and all the other work will be done professional by FUNKAMATEUR, the German Amateur Radio Magazin. The CD will be availeable worldwide via the FUNKAMATEUR Internet shop (www.funkamateurl.de) and they promised me that they will do this job much faster as they did with the DL-QRP-PA.

Because some people asked: FUNKAMATEUR is the German language word for radio amateur. it consists of two parts: FUNK and Amateur. Funk ist the German word for spark, in German grammar Funkamateurl is meaning sparkling amateur. That is because the very first transmitters have been sparkling transmitters.

By the way, the German word for broadcast has the same roots, it is RUND FUNK. Rund means around, and funk as you know is the sparc.

72 de Peter, DL2FI

DL-QRP-AG chairman and QRP Editor of FUNKAMATEUR

(by the way: DL-QRP-AG, Activity Group for QRP and Homebrewing in Amateur Radio was founded in May 1997. Today the group has nearby 1000 members!!!)

Mary: we will be on at the same time (different frequencies) tonight, but on opposite coasts. Maybe we can make a Hound sandwich. Best of luck tonight. Being the fox is a blast!! And you're right about Doc.

Jeff KF4JSV QRP-L # 743
Manassas, VA

> From: wn6hyx@qsl.net
> To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
> Subject: N/T+ FOX
> Date: Tuesday, December 08, 1998 10:00 AM
>
> Hello Everyone,
>
> A great big thanks to Doc for all his help es he's an A-1 op in my books.
I'm ready to go tonite! Will be starting around 7.110 es dodging the
broadcast stations.
>
> 72/73
> Mary<>wn6hyx
> QRP-L #1779

Date: Tue, 08 Dec 1998 10:57:15 EST
From: we6w@juno.com (Ed Loranger)
To: tahrens@inetport.com
Cc: qrp-l@Lehigh.EDU
Subject: [26789] Re: Pulling up stakes
Message-ID: <19981208.074753.4799.2.we6w@juno.com>

Your antennas are part of history, Tim. Glad I've heated them up a time or two.

Let us know where you'll be and I'll see if we can get Ron to salt the ether above your new qth.

May it be ever as good as the last.

-Ed

72, Ed WE6W QRP-Z#106 <http://www.qsl.net/we6w>
Enjoying Ham Radio every day! Santa Rosa, CA.

You don't need to buy Internet access to use free Internet e-mail.
Get completely free e-mail from Juno at <http://www.juno.com/getjuno.html>
or call Juno at (800) 654-JUNO [654-5866]

Date: Tue, 8 Dec 1998 07:40:30 -0800
From: dave_epps@juno.com
To: qrp-l@lehigh.edu
Subject: [26790] LDG QRP TUNER
Message-ID: <19981208.075858.-56765.0.dave_epps@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I just completed the tuner and it's a WINNER.
I found the customer support at LDG ELECTRONICS to be outstanding.
No connections.
dave ab5pc fresno, ca.

You don't need to buy Internet access to use free Internet e-mail.
Get completely free e-mail from Juno at <http://www.juno.com/getjuno.html>
or call Juno at (800) 654-JUNO [654-5866]

Date: Tue, 08 Dec 1998 08:09:13 -0800
From: Bill Jones <kd7s@psnw.com>
To: qrp-l@lehigh.edu
Subject: [26791] MINI-L:Thank you for your input
Message-ID: <366D4F29.2CBCA27B@psnw.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

When I asked for input on a new, modular transceiver project, I got it.
Boy, did I get it. People from all over the world responded. A few
said it couldn't be done (and they may be right) but the majority said
it could, and many of you offered to help. I am overwhelmed.

I'm sorry I cannot respond to each of you individually. Believe me ,
that doesn't mean I don't appreciate your thoughts, suggestions.

A new message concerning the MINI-L will be forthcoming. Stay tuned.

=====
Bill Jones - KD7S <><
Sanger, California
<http://www.psnw.com/~kd7s>
=====

Date: Tue, 08 Dec 1998 09:10:47 -0700
From: Larry East <w1hue@amsat.org>
To: qrp-l@lehigh.edu
Subject: [26792] Need email address
Message-ID: <3.0.3.32.19981208091047.00935a40@axp1>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

OK, let me rephrase the question: Does anyone happen to have the NEW email address for VE7BP0? His old address of jtf@awinc.com bounces. Please reply direct.

Thanks & 72,
Larry W1HUE
w1hue@amsat.org

Date: Tue, 8 Dec 1998 17:14:31 -0000
From: Peter Zenker <Peter_DL2FI@csi.com>
To: "'QRP-L via PoP3'" <qrp-l@lehigh.edu>
Subject: [26793] AW: GQRP - Sierra - extra PA module
Message-ID: <01BE22CE.961AD1E0.Peter_DL2FI@csi.com>

Sorry friends,
but DL2AVH is absolutely sold out!! He was the constructeur AND the purchase address in the name of DL-QRP-AG, but we had 100 peace of PA only and they are sold out. If you are interested, you can order the PA from FUNKAMATEUR very soon.
Please dont send letters to Helmut (you may send him letters of concratulations, Xmas wishings and whatever you want, but NOT to order PAs because there is not one left)

Peter, DL2FI

-----Ursprungliche Nachricht-----
Von: John Evans - N0HJ [mailto:jaevans@codenet.net]
Gesendet am: Donnerstag, 3. Dezember 1998 13:58
An: Low Power Amateur Radio Discussion
Betreff: Fwd: GQRP - Sierra - extra PA module

Greetings,

I got a few requests to post the info on obtaining the PA amp

that can be used in the Sierra, so here goes. Once the holiday season winds down and the finances settle (ha - maybe never), I plan on sending my order off. Power drain measured by Peter are included, too.

72 - john - n0hj

peter barville wrote:

>
> Hi Folks
>
> Thought those of you with one of those excellent rigs, the Norcal
> Sierra, would be interested to hear about the PA module I have just
> fitted to mine.
>
> It is a small (surface-mount) board fixed to the back panel, along with
> a 1K pot (external power control), which is easily wired into the Sierra
> in place of its own PA transistor. To give some idea of the improved
> drive capabilities, mine will now run from zero to 10 watts output on
> 10m.
>
> The (DL2AVH) boards are available from Germany, DM60 for the kit, and
> DM80 ready built - plus DM5 postage to Europe.
>
> Drop me an email if you need further info, but the address is:
>
> Helmut Seifert
> Eisenberger Strasse 24
> 07616 Serba/Ziegelhof
> Germany
>
> PS Have worked into VP5, TI, J6 and K7 (Oregon) with QRP since fitting
> the module at the weekend, so things are working well. The power
> control gives me smooth adjustment between zero and max.
>
>
> I've just done some measurements for you, at 14 volts, 3.5mHz and into a
> 50 ohm dummy load :

> Rig in rx: 39.7mA
> Rig in tx, power at zero 400mA
> Rig in tx, power o/p 1 watt 720mA
> Rig in tx, power o/p 3 watts 970mA
> Rig in tx, power o/p 5 watts 1.14A

>
> 72, peter g3xjs Please remove "nosspam" when replying.
> ie "peter@barville.demon.co.uk"

litte SMDs by themselfe.

What you have to do is to prepare and solder the two 2-hole colis and the 4 big transistors.

72 de Peter

Date: Tue, 8 Dec 1998 17:08:34 -0000

From: Peter Zenker <Peter_DL2FI@csi.com>

To: "'QRP-L via PoP3'" <qrp-l@lehigh.edu>

Subject: [26795] Non native speaker s problems with Kathi Hiltons text

Message-ID: <01BE22CE.93B6F140.Peter_DL2FI@csi.com>

Pleas could someone help me? neither in school then in the US company I am employed I heard such words. Do I translate all wrong or is this new Ham slang??

> Is your RF choke leaking again Ed??

> Maybe Ed, when your rf leak is fixed and your delirium and nausea

> clear,your intelligence will return.

> to jog your vapor locked mind

if I translated it well, I feel a shame to be a member of amateur radio society. In more then 33 years ham Radio I never heard such words between Hams especialy not in QRPers world.

I hope to be wrong and i only have problems with english language again.

Please help

72 de Peter, DL2FI

Date: Tue, 8 Dec 1998 08:37:35 -0800 (PST)

From: Stephen Lee <slee@u.washington.edu>

To: Andy Fox <foxes@theriver.com>

Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>

Subject: [26796] Re: EPROM Erasing

Message-ID: <Pine.A41.3.95b.981208082639.145080A-100000@homer31.u.washington.edu>

MIME-Version: 1.0

Content-Type: TEXT/PLAIN; charset=US-ASCII

A few years back we were programming Intel 87C51 ucontrollers and 5C032 PALs that required UV erasure. The recommended tanning booth time was 20 minutes and that was pretty much the norm from our experience. After I brought in some Motorola 68HC11 ucontrollers with EE PROM we abandoned the UV stuff (hint hint).

de AB7HI, Stephen Lee, Federal Way, WA
slee@u.washington.edu

On Tue, 8 Dec 1998, Andy Fox wrote:

> Is there a rule of thumb for the amount of time required to erase an
> EPROM? I have a "Daterase II" eraser, and am working with PIC
> microcontrollers in windowed ceramic packages. According to Microchip,
> Thanks in advance, and 72 de Andy, KK7HV in chilly Tucson, AZ

Date: Tue, 8 Dec 1998 17:39:33 -0000
From: Peter Zenker <Peter_DL2FI@csi.com>
To: "'iapizloj@bicc00.bi.ehu.es'" <iapizloj@bicc00.bi.ehu.es>, "'qrp-l command server'" <listserv@lehigh.edu>, "'QRP-L via PoP3'" <qrp-l@lehigh.edu>
Subject: [26797] AW: DL-QRP-AG PA news
Message-ID: <01BE22D1.C37B4EA0.Peter_DL2FI@csi.com>

Jon Iza [mailto:iapizloj@bicc00.bi.ehu.es] wrote:

OK, folks

I was waiting for Peter DL2FI or other more relevant members of the DL-QRP-AG club to give you some hints about the Power Amplifier kit.

Sory friends that I am so late, but I had to pause e-mail some day because my old bodypump gave me an answer to the question "how long is it possible to overload yourself permanent by too much QRL"

The answer was very painful, but I am ok again now and started the next QRP project, but will pause QRL until January.

I posted all the answers to all the questions about our little big PA today.

72 de Peter, DL2FI

Date: Tue, 8 Dec 1998 08:43:01 -0800
From: "Michael A. Gipe" <mgipe@reliablemeters.com>
To: <ws4s@InfoAve.Net>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [26798] Re: WS4S Fox results at last! preliminary log
Message-ID: <238701be22c9\$d59b7ae0\$140a0a0a@double_trouble.reliablemeters.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Conard et al --

Sorry about the duplicate QSO, Conard. During the first one, I got blasted with an S9+40 dB RTTY signal calling CQ, and all I thought I heard you send in response was "no c..." (copy? contact?), and you continued on to the next hound. So when there was an opening after you QSYed, I jumped in and swallowed you whole. Nice pelt, too. No tooth marks. Good work, Conard.

Conditions on 40 that night were about the best I've heard all year -- no noise, band open to everywhere.

Mike K1MG

>0358 K1MG 559 559 MIKE CA 614
DUPLICATE
>QSO

Date: Tue, 8 Dec 1998 10:43:55 -0600
From: rbcallahan@juno.com (Robert B. Callahan)
To: Qrp-L@lehigh.edu
Subject: [26799] Trade
Message-ID: <19981208.104357.4590.0.RBCallahan@juno.com>

I have a Heathkit HW-9 QRP transceiver built by myself in 1986 without the WARC pack, I will trade it for an UNBUILT Wilderness Radio Sierra and one band module for 40,30,or 20 meters. My HW-9 VFO is rock solid and works well on all the bands. (80, 40, 20, and 15 meters.)...I have installed a Curtis 8044 keyer in it...Interested? Drop me a line at rbcallahan@juno.com
Bob Callahan KC5T

You don't need to buy Internet access to use free Internet e-mail.
Get completely free e-mail from Juno at <http://www.juno.com/getjuno.html>
or call Juno at (800) 654-JUNO [654-5866]

Date: Tue, 08 Dec 1998 09:03:59 -0800
From: Bill Jones <kd7s@psnw.com>
To: qrp-l@lehigh.edu
Subject: [26800] QRPp Cover a real dazzler
Message-ID: <366D5BFF.6DD17EF1@psnw.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Wow Paul, the cover on the Autum QRPp is dynamite. Hey! You do pretty good work for an old guy. Nice job and congratulations to both Paul and Doug.

=====
Bill Jones - KD7S <><
Sanger, California
<http://www.psnw.com/~kd7s>
=====

Date: Tue, 08 Dec 1998 09:41:56 -0800
From: "Russ Carpenter" <russ@natworld.com>
To: "QRP-L List" <qrp-l@lehigh.edu>
Subject: [26801] A Cheerful Note From Your Friends at Adventure Radio Society
Message-ID: <199812081739.JAA29530@guppy.pond.net>
Mime-version: 1.0
Content-type: text/plain; charset="US-ASCII"
Content-transfer-encoding: 7bit
Content-Transfer-Encoding: 7bit

W've noticed a little discouragement recently on the QRP-L about the state of the QRP community. Well, we have evidence that this fine group of men and women is flourishing.

For example, last night's Spartan Sprint was a pleasure in all respects. Lots of activity, from all over the country. Courteous, competent operators. Cross country contacts with stations running 1 watt and weighing less than one pound. Most importantly, a flood of new calls, from folks who were

trying QRP contesting for the first time. As far as we can tell, they had a quality experience.

All of this is made possible by the QRP-L. This fine organization provides the vital communication linkage for countless other QRP endeavors, including Adventure Radio Society. Sincere thanks to Chuck Adams and his team of colleagues.

Adventure Radio Society
By Russ Carpenter, AA7QU, Contest Manager

Date: Tue, 8 Dec 1998 08:49:33 -0900
From: Bruce Hopkins - KL7H <kl7h@eagle.ptialaska.net>
To: qrp-l@lehigh.edu
Subject: [26802] Autumn QRPP !!!!!
Message-ID: <v03007801b2931439c4ae@[208.151.118.186]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

TO:

Doug Hendricks, Dave Benson, Mike Maiorana, Glen Leinweber,
Chuck Adams, Mike Gipe, Paul Harden, Bill Jones, Gary Surrency & all
those behind the scenes that made the Autumn issue of QRPP happen...

Thank You !!! This journal, and the Elmer 101 project, is a labor of
love you should all be very proud of !!!

72 / 73 / oo's - Bruce - KL7H

"Alaska QRP Club" - Web Site: <http://www.ptialaska.net/~bhopskins/akqrp>

Date: Tue, 8 Dec 1998 13:07:41 -0500 (EST)
From: James Skalski <jskalski@buffnet.net>
To: "Joiner, Randy - LYSBB" <JoinerR@avionics2.robins.af.mil>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [26803] Re: Japanese Transistors
Message-ID: <Pine.LNX.4.03.9812081306570.975-1000000@valhalla.valhalla.buffalo.edu>
MIME-Version: 1.0

Content-Type: TEXT/PLAIN; charset=US-ASCII

This is a real find....excellent source of japanese parts.

73,

Jim N2go

On Tue, 8 Dec 1998, Joiner, Randy - LYSBB wrote:

> I just talked with Fred at Consolidated Electronics in Dayton, (I called
> to order a catalog), and he does not have a new one at this time, he
> however does have an online catalog. <http://www.ceitron.com> Fred is
> also a ham.
>
> Randy WD4DSX
>

Date: Tue, 8 Dec 1998 13:11:37 -0400
From: Greg Weinfurtner <gweinfurt1@ohiou.edu>
To: qrp-l@Lehigh.EDU
Subject: [26804] Homebrewed Generators
Message-ID: <v03110703b292fef4e16c@[132.235.81.68]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Hi all,

I just finished a page describing a simple-to-build 120 vac generator. For us who like to operate out-of-doors, this is just what the doctor ordered. The one described uses a 3.75 hp B&S engine and a squirrel cage electric motor and can put out about 1000 watts. No rewiring or anything complicated!

I know that this sounds like QRO, but in comparison to a 500 megawatt power station generator, this one is just a QRP baby!

The design can be made smaller, since a typical field day operation only needs 100 watts for lights and even less for a QRP rig, 100 watts or so for a logging computer, etc.

The waveform is nearly a perfect sine wave and I've included a few trace pics on the page. It is at:

http://www.qsl.net/ns8o/Induction_Generator.html

Happy trails to all!

73 de

```
***** Amateur Radio *****
*                                     <><                                     *
*      NN      N SSSSSSS 8888888 0000000 Greg Weinfurtner          *
*      N N      N S      8      8 0      0 9411 Kitty Ln.        *
*      N N      N SSSSSSS 8888888 0      0 Athens, Ohio 45701    *
*      N      N N      S 8      8 0      0 U.S.A. EM89WH         *
*      N      NN SSSSSSS 8888888 0000000 DXCC WAS                *
*                                                                 *
*      "Can thou send forth lightnings that they may go and say  *
*      unto thee, 'Here we are'?" Job 38:35                       *
*                                                                 *
*      ns8o@qsl.net                                              *
*      http://www.qsl.net/ns8o/index.html                        *
*      http://ouvaxa.cats.ohiou.edu/~weinfurtner                 *
*****
```

Date: Tue, 8 Dec 1998 11:46:18 cst
From: wj5o@juno.com (William H. Hays)
To: TENTEN-L@LEHIGH.EDU, QRP-L@LEHIGH.EDU
Subject: [26805] E-mail addresses
Message-ID: <19981208.114621.-376661.2.WJ50@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I want to thank ALL of you that has up-dated your E-mail address on
QRZ.COM

This morning I checked each North American ten meter beacon call sign via
QRZ and found many listed.

I would suggest that ALL with internet access to go to QRZ.com and either
enter
or up-date their E-mail address.

I can think of several reasons that a person would like to have their
correct

address listed.
73 Bill WJ50

You don't need to buy Internet access to use free Internet e-mail.
Get completely free e-mail from Juno at <http://www.juno.com/getjuno.html>
or call Juno at (800) 654-JUNO [654-5866]

Date: Tue, 8 Dec 1998 14:37:24 -0500
From: "GARY McCAUGHEY" <MAIL4GARY@worldnet.att.net>
To: <qrp-1@lehigh.edu>
Subject: [26806] TenTec Opinion...
Message-ID: <19981208184809.MNKM11638@gary>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I must add to the very high level of satisfaction with TenTec. I have owned about 10 different models of TenTec. Currently I have an OMNI V and an Argosy IID (Also T-Kit 1340). And love them all. Enough can not be said about the service you get from those folks. To say that it is the best in the business is not even enough. Easy to use and reliable.

Gary
W2UX
Lexington, SC

CW is the REAL THING! Use it or lose it.....

Date: Tue, 8 Dec 1998 12:40:41 -0600
From: "Brockwell, Stephen E." <brockwse@fssec.army.mil>
To: "'qrp-1@Lehigh.EDU'" <qrp-1@lehigh.edu>
Subject: [26807] 11-2-10 problems
Message-ID: <BB6584384834D211AFC00000F8BDCA842B2E29@alrsrcv02>
MIME-Version: 1.0
Content-Type: text/plain; charset="iso-8859-1"

I think Steve Weber did a great job with this project! There had to be someone else working with him and all involved can be proud!

After all that buttering up..... I cannot seem to get more than 0.04 volt DC reading from the test wire on pin 18 of the SIP when attempting to tune the VCO slug. I am using a radio shack DVM set at 30 volts and DC. The

slug turns easily in and out. I've been checking solder joints and the torroid that replaced the small coil at the back of the Maxon. Trying to religiously adhere to instructions and go slowly in order to avoid my usual problems. Is there an adjustment for the small red cap transferred from the main board to the converter board? What could I have done in order to blank out the horizontal segment of both display digits? Will a therapist take me in this condition or do I need help first?

Again... congrats on the 11-2-10 project..... that will keep me out of trouble over my lunch hour when I work at Ft. Sill.

A (...possibly...) living brain donor ...

Steve KC5TTY

Date: Tue, 08 Dec 1998 19:10:18 +0000
From: Ed Loranger <we6w@qsl.net>
To: qrp-l@lehigh.edu
Subject: [26808] Email server probs....
Message-ID: <366D799A.6C23@qsl.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Alternate email for me is at: <mailto:ooringer@geocities.com>

This is for direct to me at work. And it doesn't come into Netscape very well. So if you find QSL.net is returning email, it is a good backup during the workday.

Or catch me at home: we6w@juno.com

Sorry for the b/w, but QSL.net is acting up agn....

-Ed

--

72, Ed WE6W, A-1 OP; <http://www.qsl.net/we6w> Santa Rosa, CA
QRP-Z#106 QRP-L#1068 AR#112 NC#2227 ARCI#9397 QAA#006

Date: Tue, 8 Dec 1998 14:15:18 -0500 (EST)
From: Gary M Diana <gmdiana@kodak.com>
To: qrp-l@lehigh.edu
Subject: [26809] Re: erasing PICs
Message-ID: <199812081915.0AA28793@kodaki.kodak.com>

On erasing and re-programming PICs:

The 18 pin and 8 pin PICs I've used take under 10 minutes to erase, using a DataEraseII UV eraser. The 512 word 8 pinners take around 5 minutes.

I never have attempted to count how many times I have re-programmed them, but I'm sure it's been hundreds of times! The downside is waiting for the chip(s) to erase, the upside is that it is a mandatory time-out which gives you some time to think BEFORE programming again!

Best regards and happy holidays to all...

- Gary N2JGU "one of the TiCK Guys"

<http://www.frontiernet.net/~embres>

embres@frontiernet.net

Date: Tue, 08 Dec 1998 11:23:40 -0800

From: W7LS <w7ls@blarg.net>

To: foxes@theriver.com

Cc: qrp-1@lehigh.edu

Subject: [26810] Re: EPROM Erasing

Message-ID: <366D7CBC.2DEB@blarg.net>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

Content-Transfer-Encoding: 7bit

Standard eproms (27XX series) take about 7 minutes. I'd do a little test to see how short a time it erases in, and then double it for a rule of thumb.

73 de JIm, W7LS

Andy Fox wrote:

>

> Hi,

>

> Is there a rule of thumb for the amount of time required to erase an

> EPROM? I have a "Daterase II" eraser, and am working with PIC

> microcontrollers in windowed ceramic packages. According to Microchip,

> there is no harm in exposing these devices to lots of UV. I am in the

> process of writing short "throw away" programs and observing the

> results, then moving on to another program. Is five minutes enough?

> Does it take an hour?
>
> Thanks in advance, and 72 de Andy, KK7HV in chilly Tucson, AZ
> Sure did enjoy sledding this weekend!

Date: Tue, 8 Dec 1998 13:31:52 +0000
From: "Bryan Turner" <turnerw@email.uah.edu>
To: qrp-l@Lehigh.EDU
Subject: [26811] Email Address Updates
Message-ID: <199812081936.NAA22371@uahis1.uah.edu>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT
Content-Transfer-Encoding: 7BIT

Buckmaster also allows hams to add their email address to their
callsign files. Hams should update this page in addition to their
listing at QRZ.

http://www.buck.com/cgi-bin/do_hamcall

<http://www.qrz.com/>

73 Bryan W8LN

Date: Tue, 08 Dec 1998 12:36:34 -0700
From: John Evans - N0HJ <jaevans@codenet.net>
To: qrp-l@lehigh.edu
Subject: [26812] Re: Homebrewed Generators
Message-ID: <366D7FC2.981B0701@codenet.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi Folks,

Another site for homebrew generators for emergency use is:

<http://TheEpicenter.com/tipoweeek.html>

Page down the frame window on the left to the emergency power section
and
you will see references to 2 links/pages. Enjoy!!!

72 - john - n0hj

again.

>

>Please help

>

>72 de Peter, DL2FI

>

>

>

Get Your Private, Free Email at <http://www.hotmail.com>

Date: Tue, 8 Dec 1998 14:09:23 -0600 (CST)

From: Bruce Rattray <rattray@gpfn.sk.ca>

To: QRP-Canada <qrp-canada@lists.gpfn.sk.ca>, Low Power Group <qrp-1@LeHigh.EDU>

Subject: [26814] FOX: Team scores (fwd)

Message-ID: <Pine.LNX.3.95.981208135859.11635A-100000@neale.gpfn.sk.ca>

MIME-Version: 1.0

Content-Type: TEXT/PLAIN; charset=US-ASCII

.....looks like we have a typo folks....Tim, W5FN, was down as N5FN so I've made the correction and the changes here...looks like the Fox Nabbers and the Texas Tarantulas are running almost neck and neck!...the Houston Hounds have a good lead...the Underdogs and the Vibro-Fox Finders are going almost pelt for pelt...the rest of the pack is fairly spread out at the moment...but we all know this can change big-time according to what Mother Propagation hands out on any given fox hunt...this Team thing is getting interesting eh!?!?72 - Bruce (VE5RC+VE5QRP)

....WS4S - fox hunt #18...

The 40 mtr Fox Hunt Team Scores

...the Houston Hounds-12.900-hounds->K5ZTY,W5SB,KQ5U,KK5LD"CLEAN SWEEP!"

...the Underdogs - 11.579 - hound -> KI0II

...the Vibro-Fox Finders - 11.200 - hounds -> WE6W,KU7Y,WS8D

...the Fox Nabbers - 9.569 - hound -> W5FN
...the Texas Tarantulas -9.500-hounds->AB5WX,K5LN,N5TW,W5HNS"CLEAN SWEEP!"
...the Kentucky Porch Houndz - 8.500 - 2 lonely & hungry hounds.
...the Brass Pounders - 8.250 - hounds -> N1FN,AK7Y
...the Northern Lights - 7.325 - hounds -> VE6EWM,VE5RC,VE2KN
...the Swords - 5.328 - these hounds are sharpening their teeth...
...the Team Apathy - 3.663 - hound -> K7TQ,AB7TT
...the Jersey Diddles - 1.864 - hound -> N2WF

Date: Tue, 8 Dec 1998 15:12:36 -0500
From: "KEITH P. JOHNSON" <KeithJ@1800surveys.com>
To: "'QRP-L@Lehigh.EDU'" <QRP-L@Lehigh.EDU>
Subject: [26815] Ten-Tec satisfied customer

Message-ID: <4FA0968CF63CD211BB4A00A0C9D616A11E3F86@MAIL>
MIME-Version: 1.0
Content-Type: text/plain

I have had my Ten-Tec Corsair 1 for about 12 years.

I made three modifications (enhancements) myself over the years and have had no problems.

Enjoyed the rig from the day I purchased it.

Keith KB8FE
Medina, Ohio

Date: Tue, 8 Dec 1998 15:26:20 -0500
From: "W. D. (Doc) Lindsey" <70511.3041@compuserve.com>
To: QRP-L Discussion Group <QRP-L@LEHIGH.EDU>
Cc: "W.D. (Doc) Lindsey/K0EVZ" <70511.3041@compuserve.com>
Subject: [26816] Three-FOX Night :-)
Message-ID: <199812081529_MC2-62ED-1953@compuserve.com>
MIME-Version: 1.0
Content-Transfer-Encoding: 7bit
Content-Type: text/plain; charset=us-ascii
Content-Disposition: inline
Content-Transfer-Encoding: 7bit

Gang:

Well this is a very special day in FOX history. We actually have three FOXes on tonight. Imagine having a chance for *three* pelts. Only time I can remember something similar was during the Elmer101 sprint when three ops were on simultaneously with their newly-completed rigs!

Here is a summary:

0100-0300 N/T+ KF4SJV Jeff VA 7.123
0100-0300 N/T+ WN6HYX Mary CA 7.110 (first time out)
0200-0400 FOX K5ZTY Bill TX 7.041

The above announced starting frequencies stated are +/- QRM, of course.

Here's hoping for great propagation and lots of fun for everyone. Wow!--I can hardly wait for the hunts to begin. Good luck,

everyone :-).

72/73,

--Doc Lindsey/K0EVZ

DSBF

P.O. Box 7187

Bismarck, ND 58507

E-Mail 70511.3041@compuserve.com

Date: Tue, 08 Dec 1998 12:42:34 -0800
From: Bill Jones <kd7s@psnw.com>
To: qrp-l@lehigh.edu
Subject: [26817] Announcing the MINI-L (part 1)
Message-ID: <366D8F3A.DBB72C7C@psnw.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

This message consists of two parts. It is split due to its size.

Last week I solicited comments concerning a minimalist transceiver design using modular construction. I named it the MINI-L. The response from members of this list was overwhelmingly in favor. Therefore, I am taking the next step---the official announcement.

My plan is to draw talent from the resources of qrp-l to create, test and debug a simple, practical modular CW transceiver people can build with minimal test equipment and experience. Actually, most of the rig has already been designed (by me) with some modules having been built and tested. Anyhow, the *basic* unit will be functional, but without the usual bells or whistles. Initial performance is expected to be somewhat better than the 40-9er and Pixie II but still no barn-burner. However, modules can be built to add features and flexibility.

DESIGN GOALS AND PARAMETERS (nothing is chiseled in stone)

The rig can be built as a stand alone receiver, transmitter or integrated transceiver. Parts lists and design information will be available for operation on the 40, 20, 17 or 15 meter bands. Operation on 30, 12 and 10 meters may also be included. No plans for 6 meters....sorry. It will be VFO controlled with the tuning range set by the builder. The finished rig will not fit into an Altoids tin.

CONSTRUCTION

The individual modules are targeted to fit on Radio Shack perfboards (Cat. No. 276-149A). These boards measure 2 7/8" by 2 13/16" and are indexed by columns and rows. The modules may be mounted on a "motherboard" made from another Radio Shack perfboard (Cat. No. 276-158B). The motherboard measures 3 11/16" by 2 13/16" and will be wired as a "universal bus". That is, power and ground leads will run the length of the board. If feasible, signal, I/O and control lines will also be on the motherboard.

On both boards, columns are labeled with letters and rows with numbers. Surrounding each hole (the intersection of a row and column) is a copper solder ring on the bottom of the board. Component leads will be inserted into the holes, formed and soldered into place. Step by step assembly instructions will be written to look something like this:

Install resistor R7 (1k -- brown-black-red) in holes C4 and C8. Route the lead in hole C4 to pad C2 to pad G2 to pad G5. Solder to pin 2 of IC3.

There are no plans to design PC boards for this project. My feeling is that PC boards restrict component selection unnecessarily. Besides, this project is intended to help people make the transition from kits to building from scratch.

Suitable enclosures for the finished rig are up to the builder. However, I suspect someone might come up with a plastic cabinet design that might fit ahem.

(part 2 is a continuation and will be posted as a separate message)

=====

Bill Jones - KD7S <><
Sanger, California
<http://www.psnw.com/~kd7s>

=====

Date: Tue, 08 Dec 1998 12:45:04 -0800
From: Bill Jones <kd7s@psnw.com>
To: qrp-l@lehigh.edu
Subject: [26818] Announcing the MINI-L (part 2)
Message-ID: <366D8FD0.DE301613@psnw.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Content-Transfer-Encoding: 7bit

(continuation from part 1)

THE RECEIVER

The receiver will be direct conversion. There are NO plans to upgrade it to a superhet. Chip lineup will be our old friends, the NE602 and LM386. Why? Because they're cheap, readily available and they work. A great deal of design emphasis will be placed on eliminating a.m. broadcast interference common to many simple direct conversion receivers. Add-on modules will probably include an a.f. preamplifier, active audio filter, S-meter and perhaps an r.f. amplifier.

THE VFO

The frequency generation scheme is based on another NE602 configured as a heterodyne VFO. A crystal oscillator feeds one mixer port and a 3.0 MHz VFO will feed the other. The sum of the two signals will be routed to a bandpass filter and applied to the VFO port of the receiver. Standard frequency, over-the-counter microprocessor crystals will be used to help keep the cost down.

THE TRANSMITTER

The basic transmitter will be as simple as possible consistent with a clean, stable signal. Initial power will be in the 1-2 watt range. Accessories may include such things as a receiver mute switch (for QSK operation), RIT, metering and a TiCK keyer chip for both keying and sidetone generation.

WHO OWNS IT WHEN IT'S DONE?

In a nutshell, nobody will own the final design. Not me, not qrp-l, not the people who contributed to it. It will be placed in the public domain.

It is my intent that this project be made readily available to anyone who wants it. If Doug Hendricks wants to publish it in QRPP, he is welcome to it. The same goes for QQ, SPRAT as well as local club newsletters. Nobody gets an exclusive.

I intend to place full construction details on my own web page and will make the HTML files available to anyone who else wants to do the same.

Weekly updates and progress reports will be sent to the members of this list.

Another message to qrp-l will be forthcoming. It will be a request for volunteers. In it I will outline my philosophy toward the project and what I feel we will need to do transform the MINI-L from concept to a reality.

Comments are welcome. But please, preface your e-mail messages with MINI-L so that those not interested in the project can filter them out.

--

=====

Bill Jones - KD7S <><
Sanger, California
<http://www.psnw.com/~kd7s>

=====

Date: Tue, 8 Dec 1998 15:50:20 -0400
From: "Richard E. Robinson" <rerobins@email.uncc.edu>
To: qrp-l@lehigh.edu
Subject: [26819] Fox: Logs wanted for leader board
Message-ID: <v03102805b29331bcd5dc@[152.15.144.71]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Attention Foxes:

If you will send me copies of your logs, I'll work up a leader board for the hounds and also post a tally of Fox QSOs. Sounds like Paul has a full plate and I'll get something up before Christmas.

I'll need all 18 logs from the 7.040 Foxes and the N/T+ Fox logs also.

Thanks and 72,

Rick kf4ar

Date: Tue, 8 Dec 1998 14:00:45 -0700 (MST)
From: James P Rybak <jrybak@mesa7.mesa.colorado.edu>
To: Bill Jones <kd7s@psnw.com>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [26820] Re: Announcing the MINI-L
Message-ID: <Pine.OSF.3.91.981208135949.1107A-1000000@mesa7.mesa.colorado.edu>

MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Bill,

This is great! Thanks for thinking of and taking the lead on this project.

Jim WOKSD

Date: Tue, 8 Dec 1998 16:07:51 -0400
From: "Richard E. Robinson" <rerobins@email.uncc.edu>
To: qrp-l@lehigh.edu
Cc: dave_epps@juno.com
Subject: [26821] TenTec: true story
Message-ID: <v03102807b293338d4337@[152.15.144.71]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

My true TenTec customer service story, if you'd heard it, hit delete:

I bought a used Argonaut in 1973 from Freck Radio in Asheville, NC. All was well until the summer of 1975. I had to send it back to TT for PTO troubles, it started jumping freq. I got it back from repair and 3 or 4 days later it started doing the same thing again.

So I called TenTec and they said send it back. 8 days after I sent it off, I get a box from TT. I open it up and there is a brand new Argonaut 505, factory sealed. I call them up and tell them there has been a big mistake, this is not my Argonaut. I'm imagining some poor guy excitedly opening up his TT box to find not his new Argonaut, but my used one. The person at TT says, "Oh, no, it was no mistake. Yours was an early production run with design flaws in the PTO so we replaced it at no charge." I couldn't believe it. Needless to say, I've been a TT fan/owner ever since.

Standard disclaimers apply.

Rick kf4ar

Date: Tue, 8 Dec 1998 16:19:03 -0400
From: "Richard E. Robinson" <rerobins@email.uncc.edu>
To: qrp-l@lehigh.edu
Subject: [26822] BayGen on ABC
Message-ID: <v03102808b29337a83a7a@[152.15.144.71]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Did anyone else see Peter Jennings and the ABC news report Friday night on the BayGen generators? They showed Mr. Bayless of England who developed the wind-up generator and also the production plant in South Africa. Also shown was a new model generator that uses an internal electronic circuit to control the winding down of the spring. It unwinds intermittently rather than continuously. This is a big improvement according to the news blurb, and allows the generator to produce electricity for an hour rather than the previous 20 - 30 minutes per winding.

The kicker was when they ran a laptop computer off of one of the generators. I'm thinking, forget the laptop, let's hook it up to a QRP rig.

Evidently BayGen will be marketing the generator itself, without the radio, in the near future.

Rick kf4ar

Date: Tue, 08 Dec 1998 16:23:31 -0500
From: elawson@lr.net (Ed Lawson)
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [26823] Re: TenTec: true story
Message-ID: <19981208211954.AAA19832@office4.office.new>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

On Tue, 8 Dec 1998 16:07:51 -0400, Richard E. Robinson wrote:

> Yours was an early production run with
> design flaws in the PTO so we replaced it at no charge.

What is so amazing about TenTec is this is their SOP.
Really first class all the way around.

Ed Lawson

Date: Tue, 8 Dec 1998 16:16:43 -0500
From: "Kevin F. Glynn" <kfglynn@prodigy.net>
To: "QRP-L" <qrp-l@lehigh.edu>
Subject: [26824] FOX: N2TO 11-Dec-98 0200-0400 UTC
Message-ID: <199812082118.QAA103682@pimout4-int.prodigy.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi gang,

I'll be the Fox again this Thursday evening:

Date/Time: 11-Dec-98 0200-0400 UTC
Rig: Kenwood TS-520SE with CW filter
Freq: 7.038, but will QSY as needed between 7.030 - 7.050. Will find and send frequency if I have to QSY. Last time I QSY'd about 5 times.
Output Power: 5 watts
Ant: 40M bent-leg dipole up about 45'

Thanks everyone and wish me luck!

72 Kevin N2TO
Brooklyn, NYC
kfglynn@prodigy.net

Date: Tue, 8 Dec 1998 16:54:27 -0500
From: n2tpa@juno.com (Bill d Lazure)
To: QRP-L@Lehigh.EDU
Subject: [26825] "Better" Receiver?
Message-ID: <19981208.165557.7590.14.N2TPA@juno.com>

Folks,

I'm trying to make my own transceiver. For the level of complexity and difficulty I want, my choices are down to the R2 type DC phased receiver, and a more traditional superhet using SBL-1s as the first mixer and up to 8 poles of IF filtration with a 1350 IF amp.

While I can always strive to attain the best "numbers" I can, I'm turning to you for your opinions. Given that I want a receiver that's clean, relatively free from overload, and pretty sensitive:

Which type of receiver is "better"?

72/73,

Bill
W2EB

You don't need to buy Internet access to use free Internet e-mail.
Get completely free e-mail from Juno at <http://www.juno.com/getjuno.html>
or call Juno at (800) 654-JUNO [654-5866]

Date: Tue, 8 Dec 1998 14:03:00 -0800
From: "Barry L. Geipel - KF6RDI" <bgeipel@primenet.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [26826] WTB: Norcal 40a
Message-ID: <199812082200.0AA22793@newspaper.cwi.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi all,

My wonderful wife decided to get me a Norcal 40a for Christmas, but she just informed me that Wilderness Radio is out of the boards. Does anyone have a new, unbuilt Norcal 40a that they would like to sell???

Thanks in advance

Barry KF6RDI

Date: Tue, 08 Dec 1998 16:01:41 -0600
From: Ed Manuel <n5em@flash.net>
To: qrp-1@lehigh.edu
Subject: [26827] Mini-L: RS Lookout!
Message-ID: <3.0.5.32.19981208160141.0091da70@pop.flash.net>
Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

Bill said,

CONSTRUCTION

The individual modules are targeted to fit on Radio Shack perfboards (Cat. No. 276-149A). These boards measure 2 7/8" by 2 13/16" and are indexed by columns and rows. The modules may be mounted on a "motherboard" made from another Radio Shack perfboard (Cat. No. 276-158B).

Me thinks these modules are going to get real scarce, real quick.

Ed Manuel, N5EM
Houston, Texas
n5em@amsat.org
n5em@flash.net

Date: Tue, 08 Dec 1998 16:01:51 -0500
From: "Todd Foster, KD5FUF" <tef96a@timon.acu.edu>
To: qrp-l@lehigh.edu
Subject: [26828] Help the newbie
Message-ID: <3.0.3.32.19981208160151.0096cc90@timon.acu.edu>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

I haven't been reading the list but for a few days, so please excuse me if these questions have been answered recently. I'm reading with great interest threads such as recommended suppliers and useful homebrewing inventory. The MINI-L project looks fantastic; right up my alley! In today's mail I received both a SW-40+ and a long-awaited letter from the FCC, so I'm eagerly anticipating building my first 2-way rig. Some questions:

+ Are there any significant reasons not to use RCA connectors for QRP RF connections? They're cheap and easy. I'm ignorant of the intricacies of impedance matching and antennas, but I have a feeling I'm already taking something of a detour from standard practice by planning to use some 75 ohm RG58 I found in an abandoned attic as feed line.

+ Can someone point me to a (cheap) supplier of .100" headers AND the female connectors/harnesses/whatever to use with the headers? I was too cheap to buy Dave's case kit, but his header-harness scheme is exactly something I've been searching for since before the folks at a NJQRP meeting were amused by my wire-wrapped DC receiver with a a butchered ribbon cable connecting the innards to the "user interface." (Clark Fishmann then very patiently helped me find a (another?) serious error I'd made in my attempt.) I've seen suitable-looking headers in Mouser & other places, but nothing to connect to the headers.

+ I've built two receivers, and both were plagued by (among many other things) noisy pot's. They were mostly Radio Shack pot's. How/where should I obtain inexpensive potentiometers which don't create a lot of noise whenever I adjust them? Am I dreaming? Or were the pot's I was using simply old?

+ One of the primary motivations which caused me to purchase the SW-40+ as opposed to any other particular kit was the admonition Harry, WA3PTG, who told me about all the discussions which had happened on QRP-L about that kit. I understand this is the "Elmer 101" project and that I am to regret not (yet?) being a subscriber to QRPP. Can anyone point me, though, to a web-site where somebody might have collected all those posts concerning the kit? There's a lot of history to plow through in the QRP-L archives if I was to attempt such a compilation from scratch.

If someone is foolish enough to reply to me by direct e-mail, they may run the risk of being pummelled by volumes of future questions. I have a large ignorance-gap which needs to be overcome. I would appreciate, though, any pointers which might be offered.

Thanks,

Todd Foster (KD5FUF in Abilene, TX)

Date: Tue, 08 Dec 1998 15:20:02 +0000
From: Bob Hightower <ki7mn@extremezone.com>
To: jaevans@codenet.net
Cc: qrp-l@lehigh.edu
Subject: [26829] Re: ScQRPion Antlers Sold Out
Message-ID: <199812082209.PAA24583@enterprise.extremezone.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

At 08:53 AM 12/8/98 -0700, you wrote:

>Hi Folks,

>
> Yes, this Antler is pretty neat. Convenient, small, easy to put up,
>etc.
>
> I do have one question though. Doesn't that big coil at the end of
>the antenna affect behavior of that quarter wave end fed we thought
>we were getting??? Not that it can't be compensated for!!!
>

Actually, very little, John. I had a couple of them strung up at the
hamfest this weekend, didn't even measure the length, and they tuned fine
on all bands (TS-450AT). Must act like the ball on a flagpole....doesn't
add to the length, just the mass :^). Amazing little antenna. And, yes, I
kept (bought) both of them.

72,73

Bob Hightower KI7MN

<http://www.extremezone.com/~ki7mn>

Date: Tue, 8 Dec 1998 16:08:14 -0600
From: "Walter Dufrain" <walter@inlink.com>
To: "QRP-L" <qrp-l@lehigh.edu>
Subject: [26830] WTB OHR Sprint II 80 mtrs
Message-ID: <009f01be22f7\$52f7f180\$686ac4ce@nexar>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Am looking for a nice, clean & working Oak Hills Sprint II for
80 meters.

Please email me direct and not to the qrp-l. Thanks & 73
Walter Dufrain, AG5P Wright City, Missouri

Date: Tue, 8 Dec 1998 14:22:36 -0800
From: ki6ds@dpol.k12.ca.us (Hendricks, Doug)
To: "Bill Jones" <kd7s@psnw.com>, <qrp-l@lehigh.edu>
Subject: [26831] Mini-L Project

Message-ID: <01be22f9\$42733480\$630a0d0a@doug.dpol.k12.ca.us>

MIME-Version: 1.0

Content-Type: text/plain;
charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

Content-Transfer-Encoding: 7bit

Bill, I want you to know that I think your idea is wonderful, and I admire the way that you have handled it. I heartedly endorse your idea of putting it in the public domain, and for allowing anyone the right to print the article. I certainly plan on publishing it in QRPP for two reasons other than it will be an excellent article. One it will be in one place easily accessible, and two, many, many subscribers to QRPP do not have access to the internet. I have received many phone calls already about the latest issue of QRPP from members who had no idea that such information was available on the internet.

We live in an exciting age. The resources that we have today commonly available did not even exist 20 years ago. Thank you Bill for being a leader and setting such a wonderful example. I look forward to seeing the series develop, and to publishing it in QRPP. If there is any way that NorCal can be of assistance on this project, please let me know. Also, If I can be of assistance personally, you know that all you have to do is ask.

Guys, this one is going to be a winner. I can smell it already. Get the irons hot!! 72, Doug, KI6DS

Date: Tue, 8 Dec 1998 15:25:22 -0800

From: "Francis Callahan" <colcal@srv.net>

To: <KeithJ@1800surveys.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Subject: [26832] Re: Ten-Tec satisfied customer

Message-ID: <199812082222.PAA22547@srv.net>

MIME-Version: 1.0

Content-Type: text/plain; charset=ISO-8859-1

Content-Transfer-Encoding: 7bit

Content-Transfer-Encoding: 7bit

Having owned both the argo 505 which Ten Tec completely went through for a really reasonably price and the argo 515 was completely satisfied with both rigs and the quality of the service of Ten Tec. Also was given a tour of thier plant a few years ago it is a great place and the people were really acomadating. Cal KF7ET

> From: KEITH P. JOHNSON <KeithJ@1800surveys.com>
> To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
> Subject: Ten-Tec satisfied customer
> Date: Tuesday, December 08, 1998 12:12 PM
>
>
> I have had my Ten-Tec Corsair 1 for about 12 years.
>
> I made three modifications (enhancements) myself over the years and have
> had no problems.
>
> Enjoyed the rig from the day I purchased it.
>
> Keith KB8FE
> Medina, Ohio

Date: Tue, 08 Dec 1998 22:36:11 GMT
From: mwattcpa@earthlink.net (Marty Watt)
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [26833] Re: TenTec: true story
Message-ID: <366da787.75332082@mail.earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: quoted-printable
Content-Transfer-Encoding: quoted-printable

On Tue, 08 Dec 1998 16:23:31 -0500, elawson@lr.net (Ed Lawson) wrote:

>What is so amazing about TenTec is this is their SOP.
>Really first class all the way around.

If I may, I'd encourage everyone to think about a vacation in the Great =
Smoky
Mountains. There are TONS of hotel rooms and RV/Campsites, particularly =
in
the "winter" months. There are several good convention centers. Lots of
family activities. The most visited National Park, with lots of hiking =
and
camping, as well a biking, and it's still FREE! (*nominal fee may be =
required
for backcountry camping permits)

I'm not sure how receptive the hotel owners and managers are to stringing
antennas, but I'd think it would be an excellent spot for a =
"Southeastern"
=46DIM-ish gathering.

What does this have to do with TenTec? Well, Pigeon Forge/Gatlinburg is =
about
5 miles from the TenTec factory at Sevierville. Call Scott, W4PA, and =
I'm
quite sure you'd get a really nice tour of the facilities, and if you =
made
arrangements beforehand, probably could get one or two day "once over" on=
your
TenTec rig!

I'm too far away to organize such an affair at the moment (400+ miles), =
but
maybe someone could consider the idea ...

--

72 es 73 de Marty, KM7W

-----=

Memphis, Tennessee =
<http://home.earthlink.net/~mwattcpa>
VE -- NorCal #2031 -- ARCI #7514 -- QRP-L #0953 -- AK/QRP #098 -- Grid =
EM55ce
CODE WARRIOR(c) #29 -- Mobile CW -- "Taking Code on the Road with a =
Vengeance"

Date: Tue, 8 Dec 1998 17:28:40 -0500
From: "Gene Hall" <evhall@ix.netcom.com>
To: <n2tpa@juno.com>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Cc: "Us" <evhall@ix.netcom.com>
Subject: [26834] Re: "Better" Receiver?
Message-ID: <003c01be22fa\$1d0b49c0\$50abbacd@evhall.ix.netcom.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi Bill,

After many years away from any building of ham gear I made the "mistake" of
subscribing to the QRP-L list. Boy what an infectious bunch! I now have
about seven kits stacked up waiting for me to get to them not to mention
some 16,000 surface mount components in little envelopes.

I, like you, wanted to build my own rig. What I wanted was as much

flexability as I could get for experimentation, I operate enough to get a feel for the rig and have some fun but primarily I am an experimenter.

After reading through the QRP Power book I opted for the Direct Conversion approach for a start and chose the miniR2 from Kange because it drew less current thus being more flwxible for portable operation but still had good performance characteristics. I figured I can add an "active" speaker if I want when not operating in a battery conservation mode.

The board went together very easily and I am now working on the vfo, then the front end.

I haven't fired up the miniR2 yet but I have no reason to doubt its performance based on all the comments I have read.

I would suggest this approach because it will give you a reliable "base" from which to start that is very flexible and can be put on any band as long as you can stabilize the VFO.

Good luck whichever you choose and let us hear about your progress.

73, Gene wa4hhp@amsat.org

-----Original Message-----

From: Bill d Lazure <n2tpa@juno.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Date: Tuesday, December 08, 1998 5:00 PM
Subject: "Better" Receiver?

>Folks,

>

> I'm trying to make my own transceiver. For the level of complexity
>and difficulty I want, my choices are down to the R2 type DC phased
>receiver, and a more traditional superhet using SBL-1s as the first mixer
>and up to 8 poles of IF filtration with a 1350 IF amp.
> snip<

Date: Tue, 08 Dec 1998 17:41:11 -0500
From: mikemo@ibm.net
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [26835] Re: erasing PICs
Message-ID: <366DAB07.4711@ibm.net>
MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I don't think you can "over erase" one of these devices. However, all UV erasable components will have a recommended exposure of UV to complete the erasure, usually in Watt Seconds per square CM. Your eprom eraser also has a Watts per square CM rating. The total time needed is the integrated exposure.

Example, my eraser has a rating of 6800 microwatts per square CM. The eproms I'm erasing require 10 watt seconds per square CM. So, $10 / 6800 \times 10^{-6} = 1470$ seconds, or 24.5 minutes.

Remember also that the tubes in the eraser will get weaker as they are used. The instructions say that after 1000 hours the intensity is down %50. I think the thing to remember is not to under erase the devices, as unreliable operation can result.

72 de ku4qo, Mike Maiorana, Palm Harbor, FL

Date: Tue, 8 Dec 1998 17:47:11 -0500
From: "W. D. (Doc) Lindsey" <70511.3041@compuserve.com>
To: QRP-L Discussion Group <QRP-L@LEHIGH.EDU>
Cc: "W.D. (Doc) Lindsey/K0EVZ" <70511.3041@compuserve.com>
Subject: [26836] FS:OHR400
Message-ID: <199812081750_MC2-62DF-93B3@compuserve.com>
MIME-Version: 1.0
Content-Transfer-Encoding: 7bit
Content-Type: text/plain; charset=us-ascii
Content-Disposition: inline
Content-Transfer-Encoding: 7bit

Gang:

Have for sale the following excellent multi-band QRP CW rig:

OHR-400 complete with built-in 8044 keyer and external DD-1 frequency counter. Covers 80, 40, 30 and 20 with adjustable output up to more than 5w on each.

This particular OHR400 radio was built by AC4HF. It is the very rig featured in the QRP rig review in QST a couple of years ago. Its appearance and functionality are excellent. It has made Fox appearances the last 3 years.

Why sell it?--this rig is simply excess at K0EVZ. It is a fun rig, and has been extremely well cared for. It was well-constructed and has proven itself in DXing as well as the FOXhunts....both regular and N/T+.

Price = only \$315.00 which *includes shipping* in the CONUS. Interested? Just let me know :-). Thanks one and all.

72/73,
--Doc Lindsey/K0EVZ
DSBF
P.O. Box 7187
Bismarck, ND 58507
E-Mail 70511.3041@compuserve.com

Date: Tue, 8 Dec 1998 16:58:15 -0600
From: applitech@mcg.net (Claton Cadmus)
To: <n2tpa@juno.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [26837] Re: "Better" Receiver?
Message-ID: <037d01be22ff\$03064520\$a10a5e2c@groucho>

Bill and all,

Better is kind of vague, but from your description, which selectivity wasn't mentioned, I'd have to vote for the R2. One of it's advantages is that you are building two almost identical receivers, so getting it working is a bit easier as you have one side to compare to the other. Also, the phasing design I think is less complicated, even though it may require more parts than some superhet designs. I also think that a narrow receive bandwidth can easily be obtained with the addition of a SCAF bandpass section. Also, if you're DDS and DSP inclined, it's the perfect testbed.

FWIW my too cents.

73 de KA0GKC Claton Cadmus
cla@mcg.net
MNQRP #1
Minnesota QRP'ers we're looking for you!
Email me or visit this page <http://www.qsl.net/mnqrp>

Date: Tue, 08 Dec 1998 17:46:33 -0600
From: Glen Reid <k5fx@flash.net>

To: QRP-1 <qrp-1@lehigh.edu>
Subject: [26838] Austin QRP Club Meeting 12/12
Message-ID: <366DBA59.7F6BA9CD@flash.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=iso-8859-1
Content-Transfer-Encoding: 8bit
Content-Transfer-Encoding: 8bit

A QRP Club (Austin TX) will have its next irregular meeting Saturday, 12/12 at the Luby's, North Loop Blvd. at 11 AM.

Check the AQRp Web page for directions and details:

<http://www.flash.net/~k5hgb/aqrp.html>.

Hope to see you all there.

gr

--

GLEN REID
K5FX/M BGF

Austin...in the beautiful hill country of TEXAS...

Austin QRP Club # Pi

Email: k5fx@flash.net

Date: Tue, 8 Dec 1998 16:54:12 -0500
From: nilsbull@juno.com (Nils R Young)
To: QRP-L@lehigh.edu
Subject: [26839] QRPP arrives & a note about some pinchers
Message-ID: <19981208.165418.4470.0.nilsbull@juno.com>

Gang,

First off, the latest QRPP arrived, answering one question & allowing me a chance to catch up on what the Elmer project was all about. If you ain't got yers yit, just you wait 'til you do.

I learned more about osculators & circuit design in five minutes of reading than I have in all these nearly 45 years of shocking myself & burnin' stuff up.

This ain't no regular ham magazine, gang. This is a book treasure trove pile of neat stuff you never thought you'd ever need to know but which

once you read it you'll never understand how you got this far without it. And I was tempted to get one of them radios too, even though I just started purging the system & have now gotten down to where I can find the bench again. Which brings up another story . . .

I have posted on my Fortune City additional ham page (<http://www.fortunecity.com/victorian/mehetebell/94/moradio.html>) some pictures of the work bench space & two recently constructed book cases into which I have piled a bunch of stuff that I had on another shelf threatening to fall on me for a while. If you go to the page (URL above), down at the bottom are four little thumbnail shots which turn into full size ones if you click on 'em. One of 'em is a big screen view of the work area, complete with .36 caliber cap-and-ball revolver & the famous hatchet. Cindy won't let me keep matches in the shack. Might set fire to somethin' what didn't turn out right & burn myself down completely.

And if that & the recent QRPP don't make you happy, you'll just have to go over to Gloria Trevi's pages & become a scandalous old reprobate. (Hint: don't look at the calendars . . .)

73 &c

Nils

. . . who can't stand listening to Gloria Trevi 'cause she can't sing for hooie even if she does look like, well . . .

Nils R. Bull Young :: La Estancia de los Guajolotes Sonrientes

WB8IJN &c :: The Tagalong Press :: email to nilsbull@juno.com

<http://www.geocities.com/Athens/Olympus/9172>

"In my day we had to FIGHT to have email! Every day was a struggle!"

-- Comrade Sergei

Nikolaievich McTovarishov

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End of QRP-L Digest 1299
